

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS

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SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 1. - Benzenoid Chemicals and Products

Item	Stat. Suf-fix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
PART 1. - BENZENOID CHEMICALS AND PRODUCTS						
Part 1 headnotes:						
<p>1. Except as specifically set forth in the headnotes to other parts of this schedule, all products described in this part shall be classified hereunder even if more specifically described elsewhere in this schedule. Any product described in both subparts B and C of this part shall be classified in subpart C.</p> <p>2. For the purposes of this part, the term "modified benzenoid" describes a molecular structure having at least one six-membered heterocyclic ring which contains at least four carbon atoms and having an arrangement of molecular bonds as in the benzene ring or in the quinone ring, but does not include any such molecular structure in which one or more pyrimidine rings are the only modified benzenoid rings present.</p> <p>3. With the exception of the natural products provided for in subpart C, this part does not cover cyclic organic chemical products (such as, but not limited to, tannic, gallic and pyrogalllic acids; estrone, estradiol, and corticosteroids; morphine, ergot, and cinchona alkaloids; rotenone; phenylalanine; tyrosine; epinephrine; and thymola) having a benzenoid, quinoid, or modified benzenoid structure, which are produced from animal or vegetable products in which such structure occurs naturally, unless such cyclic organic chemical products were obtained, derived, or manufactured in part from any product provided for in subpart A, B or C of this part.</p>						
Subpart A. - Organic Chemical Crudes						
Coal tar, crude (including crude blast-furnace tar, crude oil-gas tar, and crude water-gas tar), and organic chemical products found naturally in coal tar, whether produced or obtained from coal tar or other source:						
401.02	00	Acenaphthene.....	Lb.....	Free		Free
401.04	00	Acridine.....	Lb.....	Free		Free
401.06	00	Anthracene having a purity of less than 30% by weight.....	Lb.....	Free		Free
401.08	00	Anthracene oil.....	Lb.....	Free		Free

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SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
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4 - 1 - A

401.10 - 401.80

Item	Stat. Suf-fix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		Coal tar, crude (including crude blast-furnace tar, crude oil-gas tar, and crude water-gas tar), and organic chemical products, etc. (con.):				
401.10	00	Benzene.....	Gal.....	Free		Free
401.12	00	Benzo furan (coumarone).....	Lb.....	Free		Free
401.14	00	Carbazole having a purity of less than 65% by weight.....	Lb.....	Free		Free
401.16	00	Chrysene.....	Lb.....	Free		Free
401.18	00	Coal tar, crude (including crude blast-furnace tar, crude oil-gas tar, and crude water-gas tar).....	Gal.....	Free		Free
401.20	00	Collidines.....	Lb.....	Free		Free
401.22	00	Creosote oil.....	Gal.....	Free		Free
401.24	00	Crealylic acid which on being subjected to distillation yields in the portion distilling below 190°C. a quantity of tar acids less than 5% by weight of the original distillate, and which on being subjected to distillation yields in the portion distilling below 215°C. a quantity of tar acids less than 75% by weight of the original distillate.....	Gal.....	Free		Free
401.26	00	Cumene.....	Lb.....	Free		Free
401.30	00	Cymene.....	Lb.....	Free		Free
401.32	00	Dibenzofuran (diphenylene oxide).....	Lb.....	Free		Free
401.34	00	Dimethylnaphthalene.....	Lb.....	Free		Free
401.36	00	Fluoranthene.....	Lb.....	Free		Free
401.38	00	Fluorene.....	Lb.....	Free		Free
401.40	00	Indene.....	Lb.....	Free		Free
401.42	00	Indole.....	Lb.....	Free		Free
401.44	00	Light oil.....	Gal.....	Free		Free
401.46	00	Lutidines.....	Lb.....	Free		Free
401.48	00	Mesitylene.....	Lb.....	Free		Free
401.50	00	Methylanthracene.....	Lb.....	Free		Free
401.52	00	Methylnaphthalene.....	Lb.....	Free		Free
401.54	00	Naphthalene which after removal of all water present has a solidifying point less than 79°C.....	Lb.....	Free		Free
401.56	00	Phenanthrene.....	Lb.....	Free		Free
401.58	00	Picolinea.....	Lb.....	Free		Free
401.60	00	Pitch of coal tar (including blast-furnace tar pitch, oil-gas tar pitch, and water-gas tar pitch).....	Lb.....	Free		Free
401.62	00	Pitch of tar coke.....	Lb.....	Free		Free
401.64	00	Pseudocumene.....	Lb.....	Free		Free
401.66	00	Pyrene.....	Lb.....	Free		Free
401.68	00	Pyridine.....	Gal.....	Free		Free
401.70	00	Tar-acid oil (middle oil).....	Gal.....	Free		Free
401.72	00	Toluene.....	Gal.....	Free		Free
401.74	00	Xylene.....	Gal.....	Free		Free
	10	meta-Xylene.....	Gal.			
	15	ortho-Xylene.....	Gal.			
	20	para-Xylene.....	Gal.			
	60	Other.....	Gal.			
401.76	00	Xylenols which on being subjected to distillation yield in the portion distilling below 190°C. a quantity of tar acids less than 5% by weight of the original distillate, and which on being subjected to distillation yield in the portion distilling below 215°C. a quantity of tar acids less than 75% by weight of the original distillate.....	Lb.....	Free		Free
401.80	00	Mixture consisting of wholly of two or more of the foregoing named products.....	Lb.....	Free		Free

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Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		<p>Subpart B. - Industrial Organic Chemicals ^{1/}</p> <p>Subpart B headnotes:</p> <p>1. The provisions of items 402.00 to 406.63, inclusive, in this subpart shall apply not only to the products described therein when obtained, derived, or manufactured in whole or in part from products described in subpart A of this part, but shall also apply to products of like chemical composition having a benzenoid, quinoid, or modified benzenoid structure artificially produced by synthesis, whether or not obtained, derived, or manufactured in whole or in part from products described in said subpart A.</p> <p>2. For the purpose of classification of merchandise provided for under items 402.36 to 406.63, inclusive, the following provisions shall govern:</p> <p>(a) The term "derivatives" refers to only those derivatives which may be obtained by one or more of the following processes: Halogenation, nitration, nitrosation, sulfonation, and is to be understood to include sulfonyl halides.</p> <p>(b) A compound with functional groups described in two or more items under items 402.36 to 406.63, inclusive, is to be classified in the latest applicable item. For example, 4-acetamido-2-aminophenol, which contains three functional groups, will be classified in 405.12 (Amides), rather than in 404.92 to 405.09, inclusive (Aminophenols), or in 404.84 to 404.90, inclusive (Amines), or in 403.51 (Phenols). When applicable, classification should be made in accordance with the following principles:</p> <p>(i) Salts of organic acids (including phenols) with inorganic bases and salts of organic bases with inorganic acids are to be classified under the same superior heading as the organic acid or base; salts of organic acids with organic bases are to be classified either under the superior heading which describes the functional groups present in the free acid or under the one which describes the functional groups present in the free base, whichever is listed later.</p> <p>(ii) Esters of organic acids are to be classified either under the superior heading which describes the functional groups present in the free acid or under the one which describes the functional groups present in the free alcohol or phenol, whichever is listed later.</p> <p>(iii) The above provisions apply also in cases where the component having the functional groups described under the later superior heading is not of benzenoid origin. For example, benzyl acetate is classified under carboxylic acids (404.24 to 404.47, inclusive) rather than under alcohols (403.45).</p>				
		<p>^{1/} Articles exported to the United States prior to July 1, 1980, must be appraised under the valuation standards provided for in sections 402 and 402a of the Tariff Act of 1930 in effect on June 30, 1980, and are subject to classification under the items of the Tariff Schedules in effect on that date.</p>				

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SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 1. - Benzenoid Chemicals and Products

4 - 1 - B
402.00 - 402.36

Item	Stat. Suf-fix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		Cyclic organic chemical products in any physical form having a benzenoid, quinoid, or modified benzenoid structure, not provided for in subpart A or C of this part:				
402.00	00	Anthracene having a purity of 30% or more by weight.....	Lb.....	0.8¢ per lb. + 5.5% ad val.	Free (A,E,I)	7¢ per lb. + 46.5% ad val.
402.04	00	Carbazole having a purity of 65% or more by weight.....	Lb.....	0.8¢ per lb. + 6.1% ad val.	Free (A,E,I)	7¢ per lb. + 40% ad val.
402.08	00	Naphthalene which after the removal of all water present has a solidifying point of 79°C. or above.....	Lb.....	0.5¢ per lb. + 2.7% ad val.	Free (A,E,I)	7¢ per lb. + 40% ad val.
402.12	00	Phthalic anhydride.....	Lb.....	1.2¢ per lb. + 8.6% ad val.	Free (A,E,I)	7¢ per lb. + 49% ad val.
402.16	00	Styrene.....	Lb.....	7.4% ad val.	Free (A,E,I)	7¢ per lb. + 45% ad val.
		All distillates of coal tar, blast-furnace tar, oil-gas tar, and water-gas tar, which on being subjected to distillation yield in the portion distilling below 190°C. a quantity of tar acids equal to or more than 5% by weight of the original distillate or which on being subjected to distillation yield in the portion distilling below 215°C. a quantity of tar acids equal to or more than 75% by weight of the original distillate:				
402.20	00	Phenol (carbolic acid) which on being subjected to distillation yields in the portion distilling below 190°C. a quantity of tar acids equal to or more than 5% by weight of the original distillate..	Lb.....	1.3¢ per lb. + 12.5% ad val.	Free (A,E) 0.5¢ per lb. + 5% ad val.(I)	3.5¢ per lb. + 29.5% ad val.
402.24	00	Cresylic acid which on being subjected to distillation yields in the portion distilling below 215°C. a quantity of tar acids equal to or more than 75% by weight of the original distillate.....	Lb.....	0.5¢ per lb. + 3.3% ad val.	Free (A,E,I)	3.5¢ per lb. + 20% ad val.
402.28	00	Metacresol, orthocresol, paracresol, and metaparcresol, all the foregoing having a purity of 75% or more by weight.....	Lb.....	0.5¢ per lb. + 3.7% ad val.	Free (A,E,I)	7¢ per lb. + 42.5% ad val.
402.32	00	Other.....	Lb.....	1¢ per lb. + 4.9% ad val.	Free (A,E,I)	7¢ per lb. + 33.5% ad val.
		Other:				
		Hydrocarbons:				
402.36	00	Alkylbenzenes and polyalkylbenzenes.....	Lb.....	0.5¢ per lb. + 17.3% ad val.	Free (E,I)	7¢ per lb. + 55% ad val.

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Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		Cyclic organic chemical products in any physical form having a benzenoid, quinoid, or modified benzenoid structure, not provided for in subpart A or C of this part (con.):				
		Other (con.):				
		Hydrocarbons (con.):				
402.40	00	Bi- and polyphenyls.....	Lb.....	7.6% ad val.	Free (E) 3% ad val.(I)	7¢ per lb. + 40% ad val.
402.44	00	α-Methylstyrene.....	Lb.....	9.5% ad val.	Free (E) 3.8% ad val.(I)	7¢ per lb. + 40% ad val.
402.48	00	Vinyltoluene.....	Lb.....	7.8% ad val.	Free (E) 3.1% ad val.(I)	7¢ per lb. + 40% ad val.
402.53	00 ²	Other.....	Lb.....	10.4% ad val.	Free (E) 4.2% ad val.(I)	7¢ per lb. + 68.5% ad val.
		Halogenated hydrocarbons:				
402.56	00	Benzyl chloride (α-Chlorotoluene).....	Lb.....	7.9% ad val.	Free (E,I)	7¢ per lb. + 40% ad val.
402.60	00	Benzotrichloride (α,α,α,-Tri-chlorotoluene).....	Lb.....	7.4% ad val.	Free (E) 3% ad val.(I)	7¢ per lb. + 48% ad val.
		Chlorobenzenes, mono-, di-, and tri-:				
402.64	00	Monochlorobenzene.....	Lb.....	20% ad val.	Free (E,I)	7¢ per lb. + 91.5% ad val.
402.68	00	Orthodichlorobenzene.....	Lb.....	15.2% ad val.	Free (E) 6.1% ad val.(I)	7¢ per lb. + 84% ad val.
402.72	00	Other.....	Lb.....	6.8% ad val.	Free (E,I)	7¢ per lb. + 40.5% ad val.
402.76	00	Chlorinated biphenyl.....	Lb.....	7.6% ad val.	Free (E) 3% ad val.(I)	7¢ per lb. + 39% ad val.
402.78	00	Pentabromomethylbenzene; and				
		Tribromocumene.....	Lb.....	9.1% ad val.	Free (E)	7¢ per lb. + 71% ad val.
402.81	00 ²	Other.....	Lb.....	9.1% ad val.	Free (E) 4.6% ad val.(I)	7¢ per lb. + 71% ad val.
		Other hydrocarbon derivatives:				
402.84	00	Monochloromononitrobenzenes.....	Lb.....	10% ad val.	Free (E) 4% ad val.(I)	7¢ per lb. + 59% ad val.
402.88	00	4,4'-Dinitrostilbene-2,2'-disulfonic acid.....	Lb.....	15% ad val.	Free (E) 6% ad val.(I)	7¢ per lb. + 50% ad val.

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SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 1. - Benzenoid Chemicals and Products

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402.96 - 403.36

Item	Stat. Suf-fix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		Cyclic organic chemical products in any physical form having a benzenoid, quinoid, or modified benzenoid structure, not provided for in subpart A or C of this part (con.):				
		Other (con.):				
		Other hydrocarbon derivatives (con.):				
		Nitrated benzene, toluene, or naphthalene:				
402.96	00	p-Nitrotoluene.....	Lb.....	7.2% ad val.	Free (E,I)	7¢ per lb. + 40% ad val.
402.98	00	Other.....	Lb.....	1.3¢ per lb. + 12.5% ad val.	Free (E,I)	7¢ per lb. + 40% ad val.
403.00	00	Nitrotoluenesulfonic acids.....	Lb.....	10.8% ad val.	Free (E,I)	7¢ per lb. + 74.5% ad val.
403.05	00	p-Toluenesulfonyl chloride.....	Lb.....	7% ad val.	Free (E,I)	7¢ per lb. + 41.5% ad val.
		Other:				
403.09	00	m-Benzenedisulfonic acid, sodium salt; 1-Bromo-2-nitrobenzene; 1-Chloro-3,4-dinitrobenzene; 1,2-Dichloro-4-nitrobenzene; o-Fluoronitrobenzene; 1,5-Naphthalenedisulfonic acid; p-Nitro-o-xylene; and o-(and p)-Toluenesulfonic acid, methyl ester.....	Lb.....	5.8% ad val.	Free (E,I)	7¢ per lb. + 40% ad val.
		Other:				
403.12	00	Products provided for in the Chemical Appendix to the Tariff Schedules.....	Lb.....	1.7¢ per lb. + 15.9% ad val.	Free (E,I)	7¢ per lb. + 51% ad val.
403.14	00	Other.....	Lb.....	13.5% ad val.	Free (E,I)	7¢ per lb. + 51% ad val.
		Alcohols, phenols, ethers (including epoxides and acetals), aldehydes, ketones, alcohol peroxides, ether peroxides, ketone peroxides, and their derivatives:				
403.16	00	Alkyl cresols.....	Lb.....	7.1% ad val.	Free (E,I)	7¢ per lb. + 40.5% ad val.
403.20	00	Alkyl phenols.....	Lb.....	11% ad val.	Free (E,I)	7¢ per lb. + 80% ad val.
403.24	00	6-Chloro-m-cresol [OH=1].....	Lb.....	6.3% ad val.	Free (E,I)	7¢ per lb. + 41% ad val.
		Naphthols:				
403.27	00	o-Naphthol.....	Lb.....	20% ad val.	Free (A,E,I)	7¢ per lb. + 73% ad val.
403.29	00	Other.....	Lb.....	20% ad val.	Free (E) 8% ad val.(I)	7¢ per lb. + 73% ad val.
403.32	00	2-Naphthol-3,6-disulfonic acid and its salts.....	Lb.....	7.2% ad val.	Free (E) 2.9% ad val.(I)	7¢ per lb. + 54% ad val.
403.36	00	Nitrophenols.....	Lb.....	8.1% ad val.	Free (E,I)	7¢ per lb. + 51.5% ad val.

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				1	Special	2
		Cyclic organic chemical products in any physical form having a benzenoid, quinoid, or modified benzenoid structure, not provided for in subpart A or C of this part (con.):				
		Other (con.):				
		Alcohols, phenols, ethers (including epoxides and acetals), aldehydes, ketones, alcohol peroxide, ether peroxides, ketone peroxides, and their derivatives (con.):				
403.41	00	Resorcinol.....	Lb.....	7.1% ad val.	Free (E,I)	7¢ per lb. + 40% ad val.
		Other:				
403.45	00	Alcohols.....	Lb.....	6.6% ad val.	Free (E,I)	7¢ per lb. + 40% ad val.
		Phenols and phenol-alcohols:				
403.49	00	4,4'-Isopropylidenediphenol (Bisphenol A).....	Lb.....	1.7¢ per lb. + 13.7% ad val.	Free (E) 0.7¢ per lb. + 5.5% ad val.(I)	7¢ per lb. + 44% ad val.
403.51	00	Other.....	Lb.....	7.2% ad val.	Free (E)	7¢ per lb. + 44% ad val.
		Halogenated, sulfonated, nitrated, or nitrosated derivatives of phenols or phenol-alcohols:				
403.52	00	m-Chlorophenol; 2,5-Dihydroxybenzenesulfonic acid, potassium salt; 3,6-Dihydroxy-2,7-naphthalenedisulfonic acid; 3,6-Dihydroxy-2,7-naphthalenedisulfonic acid, sodium salt; Dinitro-o-cresol; 4-Hydroxy-1-naphthalene-sulfonic acid; 4-Hydroxy-1-naphthalene-sulfonic acid, sodium salt (1-Naphthol-4-sulfonic acid); 1-Naphthol-3,6-disulfonic acid; and 4-Nitro-m-cresol.....	Lb.....	6% ad val.	Free (E,I)	7¢ per lb. + 45.5% ad val.
403.54	00	Tetrabromobisphenol A.....	Lb.....	0.7¢ per lb. + 19.4% ad val.	Free (E)	7¢ per lb. + 62% ad val.
		Other:				
403.57	00	Products provided for in the Chemical Appendix to the Tariff Schedules.....	Lb.....	0.7¢ per lb. + 19.4% ad val.	0.4¢ per lb. + 9.7% ad val.(I) Free (E)	7¢ per lb. + 62% ad val.
403.59	00	Other.....	Lb.....	13.5% ad val.	Free (E)	7¢ per lb. + 62% ad val.

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403.61 - 403.72

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		Cyclic organic chemical products in any physical form having a benzenoid, quinoid, or modified benzenoid structure, not provided for in subpart A or C of this part (con.): Other (con.): Alcohols, phenols, ethers (including epoxides and acetals), aldehydes, ketones, alcohol peroxides, ether peroxides, ketone peroxides, and their derivatives (con.): Other (con.): Ethers, ether-alcohols, ether-phenols, ether-alcohol-phenols, peroxides of alcohols, ethers, and ketones, and their halogenated, sulfonated, nitrated, or nitrosated derivatives:				
403.61	00	5-Chloro-2-nitroanisole; 6-Chloro-3-nitro-p-dimethoxybenzene; Dimethyl diphenyl ether; 4-Ethylguaiacol; and 2-(α-Hydroxyethoxy)-phenol.....	Lb.....	6.9% ad val.	Free (E,I)	7¢ per lb. + 40% ad val.
403.62	00	Decabromodiphenyl oxide; and Octabromodiphenyl oxide.....	Lb.....	20% ad val.	Free (E)	7¢ per lb. + 70.5% ad val.
403.65	00	Other: Products provided for in the Chemical Appendix to the Tariff Schedules.....	Lb.....	20% ad val.	Free (E) ②	7¢ per lb. + 70.5% ad val.
403.66	00	Other.....	Lb.....	13.5% ad val.	Free (E) ② 6.8% ad val.(I)	7¢ per lb. + 70.5% ad val.
403.68	00	Epoxides, epoxyalcohols, epoxyphenols, and epoxyethers, with a three- or four-member ring, and their halogenated, sulfonated, nitrated, or nitrosated derivatives.....	Lb.....	6.9% ad val.	Free (E,I)	7¢ per lb. + 40% ad val.
403.72	00	Acetals and hemiacetals and single and complex oxygen-function acetals and hemiacetals, and their halogenated, sulfonated, nitrated, or nitrosated derivatives.....	Lb.....	6.9% ad val.	Free (E,I)	7¢ per lb. + 41.5% ad val.

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Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		Cyclic organic chemical products in any physical form having a benzenoid, quinoid, or modified benzenoid structure, not provided for in subpart A or C of this part (con.): Other (con.): Alcohols, phenols, ethers (including epoxides and acetals), aldehydes, ketones, alcohol peroxides, ether peroxides, ketone peroxides, and their derivatives (con.): Other (con.): Aldehydes, aldehyde-alcohols, aldehyde-ethers, aldehyde-phenols, and other single or complex oxygen-function aldehydes; cyclic polymers of aldehydes and paraformaldehyde:				
403.74	00	Terephthalaldehyde.....	Lb.....	6.9% ad val.	Free (E,I)	7¢ per lb. + 37% ad val.
403.76	00	Other.....	Lb.....	10.6% ad val.	Free (E) 4.2% ad val.(I)	7¢ per lb. + 41% ad val.
403.81	00	Halogenated, sulfonated, nitrated, or nitroated derivatives of aldehydes, aldehyde-alcohols, aldehyde-ethers, aldehyde-phenols, and other single or complex oxygen-function aldehydes, cyclic polymers of aldehydes and paraformaldehyde.....	Lb.....	20% ad val.	Free (E,I)	7¢ per lb. + 77.5% ad val.
		Ketones, ketone-alcohols, ketone-phenols, ketone-aldehydes, quinones, quinone-alcohols, quinone-phenols, quinone-aldehydes, and other single or complex oxygen-function ketones and quinones, and their halogenated, sulfonated, nitrated, or nitroated derivatives:				
403.88	00	2,3-Dichloro-1,4-naphthoquinone.....	Lb.....	5.8% ad val.	Free (E,I)	7¢ per lb. + 52% ad val.
403.92	00	1,8-Dihydroxy-4,5-dinitroanthraquinone.....	Lb.....	6.1% ad val.	Free (E,I)	7¢ per lb. + 43% ad val.
403.96	00	Other.....	Lb.....	11% ad val.	Free (E,I)	7¢ per lb. + 42% ad val.
		Carboxylic acids, anhydrides, halides, acyl peroxides, peroxyacids, and their derivatives:				
404.00	00	1,2,4-Benzenetricarboxylic acid, 1,2-dianhydride (Trimellitic anhydride).....	Lb.....	7.5% ad val.	Free (E) 3% ad val.(I)	7¢ per lb. + 40% ad val.
404.04	00	Benzoic acid.....	Lb.....	8% ad val.	Free (A,E,I)	7¢ per lb. + 40% ad val.
404.08	00	Benzoyl chloride.....	Lb.....	7.9% ad val.	Free (E,I)	7¢ per lb. + 44% ad val.

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

4 - 1 - B
404.12 - 404.33

Item	Stat. Suf-fix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		Cyclic organic chemical products in any physical form having a benzenoid, quinoid, or modified benzenoid structure, not provided for in subpart A or C of this part (con.):				
		Other (con.):				
		Carboxylic acids, anhydrides, halides, acyl peroxides, peroxyacids, and their derivatives (con.):				
404.12	00	Isophthalic acid.....	Lb.....	8.1% ad val.	Free (E,I)	7¢ per lb. + 40% ad val.
404.16	00	Terephthalic acid.....	Lb.....	20% ad val.	Free (E,I)	7¢ per lb. + 77% ad val.
404.20	00	Terephthalic acid, dimethyl ester.....	Lb.....	1.3¢ per lb. + 13.1% ad val.	Free (E) 0.5¢ per lb. + 5.2% ad val.(I)	7¢ per lb. + 42% ad val.
		Other:				
		Monocarboxylic acids and their anhydrides, halides, peroxides, and peracids, and their halogenated, sulfonated, nitrated, or nitrosated derivatives:				
404.24	00	Benzoic anhydride; tert-Butyl peroxybenzoate; 4-Chloro-3-nitrobenzoic acid; m-Chloroperoxybenzoic acid; Metrizoic acid; p-Nitrobenzoyl chloride; 2-Nitro-m-toluic acid; 3-Nitro-o-toluic acid; and Phenylacetic acid (-Toluic acid).....	Lb.....	6.7% ad val.	Free (E,I)	7¢ per lb. + 40.5% ad val.
		Other:				
404.28	00	Products provided for in the Chemical Appendix to the Tariff Schedules.....	Lb.....	1.7¢ per lb. + 17.9% ad val.	Free (E,I)	7¢ per lb. + 57% ad val.
404.30	00	Other.....	Lb.....	13.5% ad val.	Free (E,I)	7¢ per lb. + 57% ad val.
		Polycarboxylic acids and their anhydrides, halides, peroxides, and peracids, and their halogenated, sulfonated, nitrated, or nitrosated derivatives:				
404.32	00	Naphthalic anhydride; Phthalic acid; and 4-Sulfo-1,8-naphthalic anhydride.....	Lb.....	6.9% ad val.	Free (E,I)	7¢ per lb. + 37% ad val.
404.33	00	Tetrabromophthalic anhydride.....	Lb.....	20% ad val.	Free (E)	7¢ per lb. + 73% ad val.

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 1. - Benzenoid Chemicals and Products

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		Cyclic organic chemical products in any physical form having a benzenoid, quinoid, or modified benzenoid structure, not provided for in subpart A or C of this part (con.): Other (con.): Carboxylic acids, anhydrides, halides, acyl peroxides, peroxyacids, and their derivatives (con.): Other (con.): Polycarboxylic acids and their anhydrides, halides, peroxides, and peracids, and their halogenated, sulfonated, nitrated, or nitrosated derivatives (con.): Other:				
404.37	00	Products provided for in the Chemical Appendix to the Tariff Schedules.....	Lb.....	20% ad val.	Free (E) 10% ad val.(I)	7¢ per lb. + 73% ad val.
404.38	00	Other.....	Lb.....	13.5% ad val.	Free (E) 5.4% ad val.(I)	7¢ per lb. + 73% ad val.
		Carboxylic acids with alcohol, phenol, aldehyde, or ketone function and other single or complex oxygen-function carboxylic acids and their anhydrides, halides, peroxides, and peracids, and their halogenated, sulfonated, nitrated, or nitrosated derivatives:				
404.40	00	p-Anisic acid; Benzilic acid; Benzilic acid, methyl ester; 2,3-Cresotic acid; 1-Formyl phenylacetic acid, methyl ester; 1,6-Hexanediol-bis(3,5-dibutyl-4-hydroxyphenyl)-propionate; m-Hydroxybenzoic acid; 2-Hydroxybenzoic acid, calcium salt; 1-Hydroxy-2-naphthoic acid; 2-Hydroxy-1-naphthoic acid; 1-Hydroxy-2-naphthoic acid, phenyl ester; 3-Phenoxybenzoic acid; α-Resorcylic acid; γ-Resorcylic acid; and 5-Sulfosalicylic acid.....	Lb.....	5.8% ad val.	Free (E,I)	7¢ per lb. + 40% ad val.
404.42	00	p-Hydroxybenzoic acid.....	Lb.....	7% ad val.	Free (A,E,I)	7¢ per lb. + 48.5% ad val.
404.43	00	Gentisic acid; and Hydroxycinnamic acid and its salts.....	Lb.....	7% ad val.	Free (E,I)	7¢ per lb. + 48.5% ad val.

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 1. - Benzenoid Chemicals and Products

4 - 1 - B
404.46 - 404.68

Item	Stat. Suf-fix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		Cyclic organic chemical products in any physical form having a benzenoid, quinoid, or modified benzenoid structure, not provided for in subpart A or C of this part (con.): Other (con.): Carboxylic acids, anhydrides, halides, acyl peroxides, peroxyacids, and their derivatives (con.): Other (con.): Carboxylic acids with alcohol, phenol, aldehyde, or ketone function and other single or complex oxygen-function carboxylic acids and their anhydrides, halides, peroxides, and peracids, and their halogenated, sulfonated, nitrated, or nitrosated derivatives (con.): Other:				
404.46	00	Products provided for in the Chemical Appendix to the Tariff Schedules.....	Lb.....	1.7¢ per lb. + 17.9% ad val.	Free (E,I)	7¢ per lb. + 57% ad val.
404.47	00	Other.....	Lb.....	13.5% ad val.	Free (E,I)	7¢ per lb. + 57% ad val.
404.48	00	Esters of inorganic acids (except hydrocyanic acid, hydrogen halides, and hydrogen sulfide) and their derivatives.....	.....	7.2% ad val.	Free (E) 2.9% ad val.(I)	7¢ per lb. + 43% ad val.
404.52	00	Amines and their derivatives: 7-Amino-1,3-naphthalenedisulfonic acid and its salts; 5-Amino-2-naphthalenesulfonic acid and its salts; 8-Amino-1-naphthalenesulfonic acid and its salts; 4-Amino-2-stilbenesulfonic acid and its salts; m-Phenylenediamine; o-Phenylenediamine; N-Phenyl-2-naphthylamine; Toluene-2,4-diamine; and 2,4-Xylidine.....	Lb.....	6.9% ad val.	Free (E,I)	7¢ per lb. + 48.5% ad val.
404.56	00	8-Amino-2-naphthalenesulfonic acid and its salts.....	Lb.....	5.9% ad val.	Free (E,I)	7¢ per lb. + 39% ad val.
404.60	00	Aniline.....	Lb.....	1.7¢ per lb. + 13.6% ad val.	Free (E) 0.7¢ per lb. + 5.4% ad val.(I)	7¢ per lb. + 43.5% ad val.
404.64	00	4,4'-Diamino-2,2'-stilbenedisulfonic acid.....	Lb.....	10.5% ad val.	Free (E) 4.2% ad val.(I)	7¢ per lb. + 80% ad val.
404.68	00	N,N-Dimethylaniline.....	Lb.....	12.4% ad val.	Free (E,I)	7¢ per lb. + 40% ad val.

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 1. - Benzenoid Chemicals and Products

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4 - 1 - B
404.72 - 404.84

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		Cyclic organic chemical products in any physical form having a benzenoid, quinoid, or modified benzenoid structure, not provided for in subpart A or C of this part (con.):				
		Other (con.):				
		Amines and their derivatives (con.):				
404.72	00	N-Methylaniline; and 2,4,6-Trimethyl-aniline (Mesidine).....	Lb.....	6.1% ad val.	Free (E,I)	7¢ per lb. + 37% ad val.
404.76	00	4,4'-Methylenedianiline.....	Lb.....	7.1% ad val.	Free (E,I)	7¢ per lb. + 40% ad val.
404.80	00	Nitrodiphenylamine.....	Lb.....	7% ad val.	Free (E,I)	7¢ per lb. + 40% ad val.
		Other:				
404.84	00	5-Amino-2-(p-aminoanilino)-benzenesulfonic acid;				
		o-Aminobenzenesulfonic acid (Orthanilic acid);				
		4-Amino-2-(N,N-diethylamino)-toluene hydrochloride;				
		3-Amino-2,7-naphthalene-disulfonic acid;				
		4-Amino-1-naphthalene-sulfonic acid, sodium salt;				
		5-Amino-1-naphthalene-sulfonic acid (Laurent's acid);				
		7-Amino-1,3,6-naphthalene-trisulfonic acid;				
		8-Anilino-1-naphthalene-sulfonic acid (Phenyl Peri acid);				
		6-Chlorometanilic acid;				
		2-Chloro-5-nitroaniline;				
		4-Chloro-3-nitroaniline;				
		3-Chloro-o-toluidine;				
		4-Chloro-o-toluidine [NH ₂ =1] and hydrochloride;				
		5-Chloro-o-toluidine [NH ₂ =1] (Chloro-o-toluidine [CH ₃ =1]);				
		6-Chloro-o-toluidine [NH ₂ =1];				
		6-Chloro-2-toluidine-4-sulfonic acid;				
		4-Chloro-α,α,α-trifluoro-o-toluidine;				
		4,4'-Diamino-3-biphenyl-sulfonic acid (3-Benzidine-sulfonic acid);				
		2,3-Dichloroaniline;				
		2,4-Dichloroaniline;				
		2,5-Dichloroaniline;				
		3,5-Dichloroaniline;				
		2,6-Dichloro-m-toluidine;				
		N,N-Diethylmetanilic acid;				
		N,N-Diethylmetanilic acid, sodium salt;				
		2,4-Difluoroaniline;				
		3,3'-Dimethylbenzidine (o-Tolidine);				
		3,3'-Dimethylbenzidine hydrochloride;				
		N,N-Dimethyl-p-toluidine;				
		p-Ethylaniline;				
		N-Ethyl-N-benzyl-m-toluidine;				
		Ethyl-(2-dimethylaminoethyl)-aniline;				

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 1. - Benzenoid Chemicals and Products

4 - 1 - B
404.84 - 404.92

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
404.84 (con.)	00	Cyclic organic chemical products in any physical form having a benzenoid, quinoid, or modified benzenoid structure, not provided for in subpart A or C of this part (con.): Other (con.): Amines and their derivatives (con.): Other (con.): N-Ethyl-N,N'-dimethyl-N'-phenylethylenediamine; N-Ethyl-1-naphthylamine; N-Ethyl-o-toluidine; p-Fluoroaniline; 4,4'-Methylenebis(2-chloroaniline); 1,8-Naphthalenediamine; m-Nitroaniline; 4-Nitro-m-phenylenediamine; Toluene-2,5-diamine; Toluene-2,5-diamine sulfate; 2,4,5-Trichloroaniline; 2,3-Xylidine; 2,5-Xylidine; and 3,4-Xylidine.....	Lb.....	5.8% ad val.	Free (E,I)	7¢ per lb. + 39.5% ad val.
404.88	00	Other: Products provided for in the Chemical Appendix to the Tariff Schedules.....	Lb.....	1.1¢ per lb. + 18.8% ad val.	Free (E) 0.4¢ per lb. + 7.5% ad val.(I)	7¢ per lb. + 60% ad val.
404.90	00	Other.....	Lb.....	13.5% ad val. 1/ ③	Free (E,I)	7¢ per lb. + 60% ad val.
404.92	00	Amines having one or more oxygen functions, and their derivatives: 2'-Aminoacetophenone; m-Aminobenzoic acid, technical; Aminobisphenol ester; 1-Amino-4-bromo-2-methylanthraquinone; 2-Amino-6-chloro-4-nitrophenol; 2-Amino-4-chlorophenol; 2-Amino-4-chlorophenol hydrochloride; 2-Amino-p-cresol; 4-Amino-o-cresol; 6-Amino-2,4-dichloro-3-methylphenol; 1-Amino-8-hydroxy-3,6-naphthalenedisulfonic acid; 4-Amino-5-hydroxy-1,3-naphthalenedisulfonic acid (Chicago acid); 4-Amino-5-hydroxy-1,3-naphthalenedisulfonic acid, potassium salt; 4-Amino-5-hydroxy-2,7-naphthalenedisulfonic acid, potassium salt (H acid, monopotassium salt); 4-Amino-5-hydroxy-2,7-naphthalenedisulfonic acid, monosodium salt (H acid, monosodium salt);				

1/ Duty on 3,3'-Diaminobenzidine temporarily suspended. See item 907.32 in part 1B, Appendix to the Tariff Schedules.

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 1. - Benzenoid Chemicals and Products

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
404.92 (con.)	00	<p>Cyclic organic chemical products in any physical form having a benzenoid, quinoid, or modified benzenoid structure, not provided for in subpart A or C of this part (con.):</p> <p>Other (con.):</p> <p>Amines having one or more oxygen functions, and their derivatives (con.):</p> <p>4-Amino-5-hydroxy-1,3-naphthalenedisulfonic acid, sodium salt;</p> <p>4-Amino-3-hydroxy-1-naphthalenesulfonic acid;</p> <p>2-(3-Amino-4-hydroxyphenyl-sulfonyl)ethanol;</p> <p>2-Amino-4-nitrophenol;</p> <p>2-Amino-5-nitrophenol;</p> <p>2-Amino-4-nitrophenol, sodium salt;</p> <p>m-Aminophenol;</p> <p>2-(4'-Aminophenoxy)ethylsulfate;</p> <p>1,4-Bis[1-anthraquinonylamino]-anthraquinone;</p> <p>4,4'-Bis(dimethylamino)benzhydrol (Michler's hydrol);</p> <p>5-Chloro-2-(2',4'-dichlorophenoxy)-aniline;</p> <p>3,5-Diaminobenzoic acid;</p> <p>Dibenzcarbinol;</p> <p>α-3-(3,4-Dihydroxyphenyl)alanine;</p> <p>1,4-Dimesidinoanthraquinone;</p> <p>3,4-Dimethoxyphenethylamine (Homoveratrylamine);</p> <p>4-Dimethylaminobenzaldehyde;</p> <p>3-(N-Ethylanilino)propionic acid, methyl ester;</p> <p>2-Ethylamino-5-sulfobenzoic acid;</p> <p>N-Ethyl-N-(2-methoxycarbonylethyl)aniline;</p> <p>2-Hydroxy-5-nitrometanic acid;</p> <p>β-(β-Methoxyethoxyethyl)-4-aminobenzoate;</p> <p>4-Methoxymetanic acid;</p> <p>6'-Methoxymetanic acid;</p> <p>4-Methoxy-m-phenylenediamine;</p> <p>5-Methoxy-m-phenylenediamine sulfate;</p> <p>6-(Methylamino)-1-naphthol-3-sulfonic acid;</p> <p>7-(Methylamino)-1-naphthol-3-sulfonic acid;</p> <p>2-Methyl-p-anisidine [$NH_2=1$];</p> <p>1-(p-Nitrophenyl)-2-amino-1,3-propanediol;</p> <p>L-Phenylalanine; and</p> <p>Toluidine carbonate.....</p>	Lb.....	5.8% ad val.	Free (E,I)	7c per lb. + 39% ad val.
404.96	00	<p>3'-Aminoacetophenone;</p> <p>o-Anisidine;</p> <p>p-Anisidine;</p> <p>m-Diethylaminophenol;</p> <p>3-Ethylamino-p-cresol;</p> <p>Iminodanthraquinone;</p> <p>5-Methoxy-m-phenylenediamine; and</p> <p>α-Phenylephrine base.....</p>	Lb.....	7.8% ad val.	Free (E) 3.1% ad val.(I)	7c per lb. + 65% ad val.

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 1. - Benzenoid Chemicals and Products

4 - 1 - B
405.00 - 405.24

Item	Stat. Suf-fix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		Cyclic organic chemical products in any physical form having a benzenoid, quinoid, or modified benzenoid structure, not provided for in subpart A or C of this part (con.): Other (con.): Amines having one or more oxygen functions, and their derivatives (con.):				
405.00	00	p-Aminobenzoic acid; 6-Amino-1-naphthol-3-sulfonic acid and its salts; 8-Amino-1-naphthol-5-sulfonic acid and its salts; m-Dimethylaminophenol; and p-Phenetidine.....	Lb.....	6.8% ad val.	Free (E,I)	7¢ per lb. + 51% ad val.
405.01	00	4-Chloro-2,5-dimethoxyaniline [NH ₂ =1]; and 2,4-Dimethoxyaniline.....	Lb.....	6.1% ad val.	Free (E,I)	7¢ per lb. + 41.5% ad val.
405.02	00	D(-)-para-hydroxyphenylglycine and its salts.....	Lb.....	1.7¢ per lb. + 15.6% ad val.	Free (A,E) 0.7¢ per lb. + 6.2% ad val.(I)	7¢ per lb. + 50% ad val.
405.07	00	Other: Products provided for in the Chemical Appendix to the Tariff Schedules.....	Lb.....	1.7¢ per lb. + 15.6% ad val.	Free (E) 0.7¢ per lb. + 6.2% ad val.(I)	7¢ per lb. + 50% ad val.
405.09	00	Other.....	Lb.....	13.5% ad val.	Free (E,I)	7¢ per lb. + 50% ad val.
405.12	00	Amides and their derivatives: 4-Acetamido-2-aminophenol.....	Lb.....	6.9% ad val.	Free (E,I)	7¢ per lb. + 40% ad val.
405.16	00	2-Acetamido-3-chloroanthraquinone; o-Acetoacetanilide; o-Acetoacetotoluidide; 2',4'-Acetoacetoxylidide; and 1-Amino-5-benzamidoanthraquinone.....	Lb.....	7.2% ad val.	Free (E) 2.9% ad val.(I)	7¢ per lb. + 53% ad val.
405.21	00	Benzanilide.....	Lb.....	6.7% ad val.	Free (E,I)	7¢ per lb. + 40% ad val.
405.24	00	Billigrafin acid; and 3,5-Diacetamido-2,4,6-triiodobenzoic acid.....	Lb.....	5.3% ad val.	Free (E,I)	7¢ per lb. + 34% ad val.

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 1. - Benzenoid Chemicals and Products

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4 - 1 - B
405.28 - 405.34

Item	Stat. Suf-fix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
405.28	00	Cyclic organic chemical products in any physical form having a benzenoid, quinoid, or modified benzenoid structure, not provided for in subpart A or C of this part (con.): Other (con.): Amides and their derivatives (con.): Other: p-Acetaminobenzaldehyde; p-Acetanilide; Acetoacetbenzylamide; Acetoacet-5-chloro-2-toluidide; p-Acetoacetophenetidide; p-Acetoacetotoluidide; N-Acetyl-2,6-xylidine (N-Acetyl-2,6-dimethylaniline); p-Aminobenzoic acid laeoctylamide; p-Aminobenzoylaminonaphthalene-sulfonic acid; 2-Amino-4-chlorobenzamide; 3-Amino-4-chlorobenzamide; 4-Aminohippuric acid; 4'-Amino-N-methylacetanilide; p-Aminophenylurethane; 1-Benzamido-4-chloro-anthraquinone; 1-Benzamido-5-chloro-anthraquinone; 4'-Chloroacetoacetanilide; 3-(N,N-Dihydroxyethylamino)-benzanilide; 2,5-Dihydroxy-N-(2-hydroxyethyl)benzamide; 2,5-Dimethoxyacetanilide; Gentisamide; 2-(m-Hydroxyanilino)acetamide; N,N'-Hexamethylene bis-(3,5-di-tert-butyl-4-hydroxyhydrocinnamamide); N-(7-Hydroxy-1-naphthyl) acetamide; Nitra acid amide (1-amino-9,10-dihydro-N-(3-methoxypropyl)-4-nitro-9,10-dioxo-2-anthramide); Phenacetin, technical; and β-Resorcylamide.....	Lb.....	5.8% ad val.	Free (E,I)	7¢ per lb. + 39.5% ad val.
405.31	00	N-Acetylsulfanilyl chloride.....	Lb.....	1.7¢ per lb. + 18.1% ad val.	Free (A,E) 0.7¢ per lb. + 7.2% ad val.(I)	7¢ per lb. + 58% ad val.
405.33	00	Other: Products provided for in the Chemical Appendix to the Tariff Schedules.....	Lb.....	1.7¢ per lb. + 18.1% ad val.	Free (E,I)	7¢ per lb. + 58% ad val.
405.34	00	Other.....	Lb.....	13.5% ad val.	Free (E,I)	7¢ per lb. + 58% ad val.

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 1. - Benzenoid Chemicals and Products

4 - 1 - B
405.36 - 405.62

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		Cyclic organic chemical products in any physical form having a benzenoid, quinoid, or modified benzenoid structure, not provided for in subpart A or C of this part (con.):				
		Other (con.):				
		Other nitrogen-function compounds (except those in which the only nitrogen function is a nitro (-NO ₂) or a nitroso (-NO) group, or an ammonium salt of an organic acid) and their derivatives:				
405.36	00	Benzonitrile.....	Lb.....	7.3% ad val.	Free (E) 2.9% ad val.(I)	7¢ per lb. + 40% ad val.
405.41	00	Diazoaminobenzene (1,3-Diphenyl-triazene).....	Lb.....	6.6% ad val.	Free (E,I)	7¢ per lb. + 40% ad val.
405.44	00	Toluenediisocyanates (unmixed).....	Lb.....	7.2% ad val.	Free (E) 2.9% ad val.(I)	7¢ per lb. + 40% ad val.
		Other:				
405.48	00	Quaternary ammonium salts and hydroxides.....	Lb.....	6.2% sd val.	Free (E,I)	7¢ per lb. + 36% ad val.
		Carboxyimide-function compounds (including orthobenzoic sulfimide and its salts) and imine-function compounds:				
405.51	00	Ethylenebistetrabromophthslimide.....	Lb.....	15% ad val.	Free (E)	7¢ per lb. + 61% ad val.
405.53	00	Other.....	Lb.....	15% ad val.	Free (E) 7.5% ad val.(I) ②	7¢ per lb. + 61% ad val.
405.56	00	Nitrile-function compounds: 2-Amino-4-chlorobenzonitrile (5-Chloro-2-cysnoaniline); 2-Amino-5-chlorobenzonitrile; 4-Amino-2-chlorobenzonitrile; (Cyanoethyl)(hydroxyethyl)-m-toluidine; 2-Cysno-4-nitroaniline; p-Cyanophenyl acetate; Dichlorobenzonitrile; Phthalonitrile; and Tetrachloro-3-cysno-benzoic acid, methyl ester....	Lb.....	6.8% ad val.	Free (E,I)	7¢ per lb. + 41% ad val.
405.60	00	Other: Products provided for in the Chemical Appendix to the Tariff Schedules.....	Lb.....	20% ad val.	Free (E,I)	7¢ per lb. + 65.5% ad val.
405.62	00	Other.....	Lb.....	13.5% ad val.	Free (E,I)	7¢ per lb. + 65.5% ad val.

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 1. - Benzenoid Chemicals and Products

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		Cyclic organic chemical products in any physical form having a benzenoid, quinoid, or modified benzenoid structure, not provided for in subpart A or C of this part (con.):				
		Other (con.):				
		Other nitrogen-function compounds, etc. (con.):				
		Other (con.):				
		Diazo-, azo-, and azoxy-compounds:				
405.64	00	p-Aminoazobenzenedisulfonic acid; 4-Aminoazobenzenedisulfonic acid, monosodium salt; 6-Amino-3,4'-azodibenzeneulfonic acid (C.I. acid yellow 9); and 6-Bromo-5-methyl-1H-imidazo[4,5-b]pyridine.....	Lb.....	5.8% ad val.	Free (E,I)	7¢ per lb. + 40.5% ad val.
		Other:				
405.68	00	Products provided for in the Chemical Appendix to the Tariff Schedules.....	Lb.....	19.9% ad val.	Free (E) 8% ad val.(I)	7¢ per lb. + 63.5% ad val.
405.70	00	Other.....	Lb.....	13.5% ad val.	Free (E) 5.4% ad val.(I)	7¢ per lb. + 63.5% ad val.
405.72	00	Organic derivatives of hydrazine or hydroxylamine.....	Lb.....	7.2% ad val.	Free (E) 2.9% ad val.(I)	7¢ per lb. + 43.5% ad val.
		Compounds with other nitrogen functions:				
405.76	00	Bitolylene diisocyanate (TODI); o-Isocyanic acid, o-tolyl ester; and Xylene diisocyanate.....	Lb.....	5.8% ad val.	Free (E,I)	7¢ per lb. + 40% ad val.
		Other:				
405.80	00	Products provided for in the Chemical Appendix to the Tariff Schedules.....	Lb.....	1.3¢ per lb. + 16.2% ad val.	Free (E) 0.5¢ per lb. + 6.5% ad val.(I)	7¢ per lb. + 52% ad val.
405.82	00	Other.....	Lb.....	13.5% ad val.	Free (E,I)	7¢ per lb. + 52% ad val.
		Organo-inorganic compounds (i.e., compounds having an atom other than carbon, hydrogen, oxygen, nitrogen, chlorine or other halogen attached directly to a carbon atom), and their derivatives:				
405.84	00	Benzenethiol (Thiophenol).....	Lb.....	6.7% ad val.	Free (E,I)	7¢ per lb. + 38.5% ad val.

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 1. - Benzenoid Chemicals and Products

4 - 1 - B
405.85 - 406.28

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		Cyclic organic chemical products in any physical form having a benzenoid, quinoid, or modified benzenoid structure, not provided for in subpart A or C of this part (con.): Other (con.): Organo-inorganic compounds (i.e., compounds having an atom other than carbon, hydrogen, oxygen, nitrogen, chlorine or other halogen attached directly to a carbon atom), and their derivatives (con.): 4,4'-Diphenyl-bis-phosphonous acid, di(2',2'',4',4''-di-tert-butyl)phenyl ester.....	Lb.....	1.7¢ per lb. + 12.5% ad val.	Free (E) 0.7¢ per lb. + 5% ad val.(I)	7¢ per lb. + 40% ad val.
405.85	00					
405.88	00	Phenylsulfone.....	Lb.....	7.3% ad val.	Free (E) 2.9% ad val.(I)	7¢ per lb. + 53% ad val.
405.92	00	Sodium tetraphenylboron.....	Lb.....	5.8% ad val.	Free (E,I)	7¢ per lb. + 40% ad val.
405.96	00	2,4,4',5'-Tetrachlorophenylsulfone.....	Lb.....	6.1% ad val.	Free (E,I)	7¢ per lb. + 41.5% ad val.
		Other: Organo-sulfur compounds.....	Lb.....	6.7% ad val.	Free (E,I)	7¢ per lb. + 40.5% ad val.
406.00	00					
406.05	00	Organo-mercury compounds.....	Lb.....	6.6% ad val.	Free (E,I)	7¢ per lb. + 40% ad val.
		Other: Products provided for in the Chemical Appendix to the Tariff Schedules.....	Lb.....	17.7% ad val.	Free (E,I)	7¢ per lb. + 68.5% ad val.
406.08	00					
406.09	00	Other.....	Lb.....	13.5% ad val.	Free (E,I)	7¢ per lb. + 68.5% ad val.
		Heterocyclic compounds and their derivatives (including lactones and lactams but excluding epoxides with three membered rings, anhydrides and imides of polybasic acids, and cyclic esters of polyhydric alcohols with polybasic acids):				
406.12	00	1,2-Dihydro-2,2,4-trimethylquinoline.....	Lb.....	6.9% ad val.	Free (A,E,I)	7¢ per lb. + 40% ad val.
406.16	00	2,2'-Dithiobisbenzothiazole.....	Lb.....	15% ad val.	Free (A,E,I)	7¢ per lb. + 57% ad val.
406.20	00	Ethoxyquin (1,2-Dihydro-6-ethoxy-2,2,4-trimethylquinoline).....	Lb.....	10% ad val.	Free (A*,E,I)	7¢ per lb. + 55% ad val.
406.24	00	1-Hydroxy-2-carbazolecarboxylic acid; 2-Hydroxy-3-dibenzofurancarboxylic acid; and 7-Nitronaphth[1,2]oxadiazole-5-sulfonic acid and its salts.....	Lb.....	7.8% ad val.	Free (E) 3.1% ad val.(I)	7¢ per lb. + 66.5% ad val.
406.28	00	2-Mercaptobenzothiazole, sodium salt (2-Benzothiazolethiol, sodium salt).....	Lb.....	0.4¢ per lb. + 12.5% ad val.	Free (E) 0.2¢ per lb. + 5% ad val.(I)	7¢ per lb. + 40% ad val.

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 1. - Benzenoid Chemicals and Products

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4 - 1 - B
406.32 - 406.36

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
406.32	00	<p>Cyclic organic chemical products in any physical form having a benzenoid, quinoid, or modified benzenoid structure, not provided for in subpart A or C of this part (con.):</p> <p>Other (con.):</p> <p>Heterocyclic compounds and their derivatives, etc. (con.):</p> <p>2-Pyridinecarboxaldehyde; and</p> <p>Vinylcarbazole, mono.....</p>	Lb.....	5.8% ad val.	Free (E,I)	7¢ per lb. + 40% ad val.
406.36	00	<p>Other:</p> <p>4-Aminoantipyrine;</p> <p>2-Amino-6-methoxybenzothiazole;</p> <p>2-Amino-6-methylbenzothiazole;</p> <p>Aminomethylphenylpyrazole (Phenylmethylaminopyrazole);</p> <p>3-(5-Amino-3-methyl-1-H-pyrazol-1-yl)benzenesulfonic acid;</p> <p>5-Amino-3-phenyl-1,2,4-thiadiazole (3-phenyl-5-amino-1,2,4-thiadiazole);</p> <p>Amino-J-pyrazolone;</p> <p>3-Amino-1-(2,4,6-trichlorophenyl)-5-pyrazolone;</p> <p>4-[[4,6-Bis(octylthio)-1,3,5-triazine-2-yl]amino]-2,6-di-tert-butyl-phenol;</p> <p>Benzointetrahydropyranyl ether;</p> <p>2-sec-Butyl-4-tert-butyl-6-(benzotriazol-2-yl)phenol;</p> <p>2-tert-Butyl-4-methyl-6-(5-chlorobenzotriazol-2-yl)-phenol;</p> <p>p-Chloro-2-benzylpyridine;</p> <p>4-Chloro-3-(3-methyl-5-oxo-2-pyrazolin-1-yl)benzenesulfonic acid;</p> <p>1-(m-Chlorophenyl)-3-methyl-2-pyrazolin-5-one;</p> <p>p-Chloropyrazolone;</p> <p>2,4-Di-tert-butyl-6-(benzotriazol-2-yl)phenol;</p> <p>2,4-Di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol;</p> <p>1-(2',5'-Dichlorophenyl)-3-methyl-2-pyrazolin-5-one;</p> <p>2,3-Dichloro-6-quinoxaline-carbonyl chloride;</p> <p>6-Ethoxy-2-benzothiazolethiol;</p> <p>1-(o-Ethylphenyl)-3-methyl-2-pyrazolin-5-one;</p> <p>2-Hydroxybenzoxazole (Benzoxazolone);</p> <p>2-Hydroxy-3-carbazolecarboxylic acid;</p> <p>2-Hydroxy-3-carbazolecarboxylic acid, sodium salt;</p> <p>Iminodibenzyl(10,11-dihydro-5H-dibenz[b,f]azepine);</p> <p>5-Imino-3-methyl-1-(m-sulfofenyl)pyrazole;</p> <p>5-Imino-3-methyl-1-phenylpyrazole;</p> <p>Indoline;</p> <p>Isoquinoline;</p> <p>3-Methylbenzof[quinoline];</p> <p>3-Methylbenzothiazole-2-hydrazone;</p> <p>2,4-Methylcarboxypyrazolic acid;</p> <p>2-Methyl-5-ethylpyridine;</p>				

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 1. - Benzenoid Chemicals and Products

4 - 1 - B
406.36 - 406.42

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
406.36 (con.)	00	Cyclic organic chemical products in any physical form having a benzenoid, quinoid, or modified benzenoid structure, not provided for in subpart A or C of this part (con.): Other (con.): Heterocyclic compounds and their derivatives, etc. (con.): Other (con.): 2-Methylindoline; 2-Methylmercaptobenzimidazole; 1-Methyl-2-phenylindole; Methyl phenylpyrazolone; Methylpyrazine; 2,4-Methylpyrazolic acid; 8-Methylquinoline; 3-Methyl-1-(p-tolyl)-2-pyrazolin-5-one (p-Tolyl methyl pyrazolone); 2-Phenylbenzimidazole; p-Phenylimidazole; 2-Phenylimidazole; 2-Phenylindole; 4-Phenylmorpholine; 4-Phenylpropylpyridine; p-Phenylpyridylacetic acid, methyl ester; Picolinic acid; Primuline base; Pyrazole (3-carboxy-1-4-sulphophenylpyrazol-5-one); 2,5-Pyridinedicarboxylic acid; Tetramethylpyrazine; 1,9-Thianthredicarboxylic acid; Thioxanthen-9-one (Thioxanthone); 1-(2,4,6-Trichlorophenyl)-3-aminopyrazolone; 2-(Trifluoromethyl)phenothiazine; 2,3,5-Triphenyltetrazolium chloride; DL-Tryptophan; and Xanthen-9-one.....	Lb.....	5.8% ad val.	Free (E,I)	7¢ per lb. + 39.5% ad val.
406.37	00	2-Mercaptobenzothiazole; and N-(Oxydiethylene)benzothiazole-2-sulfenamide.....	Lb.....	1.7¢ per lb. + 16.2% ad val.	Free (A,E) 0.7¢ per lb. + 6.5% ad val.(I)	7¢ per lb. + 52% ad val.
406.39	00	Other: Products provided for in the Chemical Appendix to the Tariff Schedules.....	Lb.....	1.7¢ per lb. + 16.2% ad val.	Free (E) 0.7¢ per lb. + 6.5% ad val.(I)	7¢ per lb. + 52% ad val.
406.42	00	Other.....	Lb.....	13.5% ad val.	Free (E,I)	7¢ per lb. + 52% ad val.

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 1. - Benzenoid Chemicals and Products

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		Cyclic organic chemical products in any physical form having a benzenoid, quinoid, or modified benzenoid structure, not provided for in subpart A or C of this part (con.): Other (con.): Sulfonamides, sultones, sultams, and other organic compounds; Copper phthalocyanine ([Phthalocyanato(2-)]copper).....	Lb.....	17.5% ad val.	Free (E) 7% ad val.(I)	7¢ per lb. + 67% ad val.
406.44	00					
		Sulfonamides: 4-Amino-6-chloro-m-benzenedisulfonamide.....	Lb.....	6.8% ad val.	Free (A,E,I)	7¢ per lb. + 41% ad val.
406.47	00					
		2-Amino-N-ethylbenzene-sulfonanilide; 5-Amino- α,α,α -tri-fluorotoluene-2,4-disulfonamide; Benzenesulfonamide; Benzenesulfonyl hydrazide; 2-Chloro-4-amino-5-hydroxybenzenesulfonamide; 2,5-Dimethoxysulfanilide; and Metanilamide.....	Lb.....	6.8% ad val.	Free (E,I)	7¢ per lb. + 41% ad val.
406.49	00					
		o-Toluenesulfonamide.....	Lb.....	7.4% ad val.	Free (E) 3% ad val.(I)	7¢ per lb. + 57.5% ad val.
406.52	00					
		Other: Products provided for in the Chemical Appendix to the Tariff Schedules.....	Lb.....	1.7¢ per lb. + 18% ad val.	Free (E) 0.7¢ per lb. + 7.2% ad val.(I)	7¢ per lb. + 57.5% ad val.
406.56	00					
		Other.....	Lb.....	13.5% ad val.	Free (E,I)	7¢ per lb. + 57.5% ad val.
406.58	00					
		Other: Products provided for in the Chemical Appendix to the Tariff Schedules.....	Lb.....	1.7¢ per lb. + 14.5% ad val.	Free (E,I)	7¢ per lb. + 46.5% ad val.
406.61	00					
		Other.....	Lb.....	13.5% ad val.	Free (E,I)	7¢ per lb. + 46.5% ad val.
406.63	00					
		All other products, by whatever name known, not provided for in subpart A or C of this part, including acyclic organic chemical products, which are obtained, derived, or manufactured in whole or in part from any of the cyclic products having a benzenoid, quinoid, or modified benzenoid structure provided for in the foregoing provisions of this subpart or in subpart A of this part:				
		Acetone.....	Lb.....	0.1¢ per lb. + 18.7% ad val.	Free (E) 7.5% ad val.(I)	7¢ per lb. + 60% ad val.
406.64	00					
		Adipic acid.....	Lb.....	0.1¢ per lb. + 19.8% ad val.	Free (E) 7.9% ad val.(I)	7¢ per lb. + 63% ad val.
406.68	00					
		Caprolactam monomer.....	Lb.....	1.5¢ per lb. + 10% ad val.	Free (A,E) 0.6¢ per lb. + 4% ad val.(I)	7¢ per lb. + 40% ad val.
406.72	00					

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 1. - Benzenoid Chemicals and Products

4 - 1 - B
406.73 - 407.06

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
406.73	00	All other products, by whatever name known, not provided for in subpart A or C of this part, including acyclic organic chemical products, which are obtained, derived, or manufactured in whole or in part from any of the cyclic products having a benzenoid, quinoid, or modified benzenoid structure provided for in the foregoing provisions of this subpart or in subpart A of this part (con.): 4-Chloro-1-methylpiperidine hydrochloride; 1,4-Dimethyl-6-hydroxy-3-cyanopyridone-2; Di(2,2,6,6-tetramethyl-4-hydroxypiperidine)-sebacate; and 3-Quinuclidinol.....	Lb.....	5.8% ad val.	Free (E,I)	7¢ per lb. + 39.5% ad val.
406.76	00	Cyclohexane.....	Lb.....	0.9¢ per lb. + 12.5% ad val.	Free (E) 0.4¢ per lb. + 5% ad val.(I)	7¢ per lb. + 40% ad val.
406.81	00	Cyclohexanone.....	Lb.....	1.1¢ per lb. + 12.5% ad val.	Free (A,E) 0.4¢ per lb. + 5% ad val.(I)	7¢ per lb. + 40% ad val.
406.82	00	Dehydrolinalool and Isophytol.....	Lb.....	1.7¢ per lb. + 12.5% ad val.	Free (E) 0.7¢ per lb. + 5% ad val.(I)	7¢ per lb. + 40% ad val.
406.83	00	Dimethylsuccinoyl succinate.....	Lb.....	1.7¢ per lb. + 12.5% ad val.	Free (E) 0.7¢ per lb. + 5% ad val.(I)	7¢ per lb. + 40% ad val.
406.84	00	Fumaric acid.....	Lb.....	20% ad val.	Free (E,I)	7¢ per lb. + 87% ad val.
406.86	00	Hexamethylene adipamide.....	Lb.....	7.1% ad val.	Free (A,E,I)	7¢ per lb. + 46% ad val.
406.92	00	Hexamethylenediamine.....	Lb.....	20% ad val.	Free (E,I)	7¢ per lb. + 66.5% ad val.
406.96	00	Maleic anhydride.....	Lb.....	1¢ per lb. + 15.6% ad val.	Free (A*,E) ① 0.4¢ per lb. + 6.2% ad val.(I)	7¢ per lb. + 50% ad val.
407.00	00	Methylcyclohexanone.....	Lb.....	5.9% ad val.	Free (A,E,I)	7¢ per lb. + 40% ad val.
407.01	00	Dibromoethyldibromocyclohexane.....	Lb.....	13.5% ad val.	Free (E)	7¢ per lb. + 53.5% ad val.
407.05	00	Other: Products provided for in the Chemical Appendix to the Tariff Schedules.....	Lb.....	1.7¢ per lb. + 16.8% ad val.	Free (E,I)	7¢ per lb. + 53.5% ad val.
407.06	00	Other.....	Lb.....	13.5% ad val.	Free (E) 6.8% ad val.(I) ②	7¢ per lb. + 53.5% ad val.

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 1. - Benzenoid Chemicals and Products

Item	Stat. Suf-fix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
407.11	00	Mixtures in whole or in part of any of the products provided for in this subpart: Solvents which contain over 25 percent by weight of any of the products provided for in this subpart: Containing ethyl alcohol.....	Lb.....v Gal.	7.4% ad val., but not less than the highest rate applicable to any component material	Free (E) ① 3% ad val., but not less than the highest rate applicable to any component material (I)	7¢ per lb. + 43.5% ad val., but not less than the highest rate applicable to any component material
407.13	00	Other.....	Lb.....	7.4% ad val., but not less than the highest rate applicable to any component material	Free (A,E) ① 3% ad val., but not less than the highest rate applicable to any component material (I)	7¢ per lb. + 43.5% ad val., but not less than the highest rate applicable to any component material
407.14	00	Other: Mixtures of 1,3,6-Naphthalenetrisulfonic acid and 1,3,7-Naphthalenetrisulfonic acid.....	Lb.....	1.7¢ per lb. + 12.5% ad val.	Free (E) 0.7¢ per lb. + 5% ad val.(I)	7¢ per lb. + 40% ad val.
407.17	00	Other: Containing ethyl alcohol.....	Lb.....v Gal.	1.7¢ per lb. + 13.6% ad val., but not less than the highest rate applicable to any component material	Free (E) 0.7¢ per lb. + 5.4% ad val., but not less than the highest rate applicable to any component material(I)	7¢ per lb. + 43.5% ad val., but not less than the highest rate applicable to any component material
407.19		Other.....	.....	1.7¢ per lb. + 13.6% ad val., but not less than the highest rate applicable to any component material	Free (A*,E) 0.7¢ per lb. + 5.4% ad val., but not less than the highest rate applicable to any component material(I)	7¢ per lb. + 43.5% ad val., but not less than the highest rate applicable to any component material
	05	Mixtures of 2,4- and 2,6-toluenediisocyanate.....	Lb.			
	10	Other.....	Lb.			

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

Item	Stat. Suf-fix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		<p>Subpart C. - Finished Organic Chemical Products ^{1/}</p> <p><u>Subpart C headnotes:</u></p> <p>1. The provisions of this subpart providing for products obtained, derived, or manufactured in whole or in part from products described in subpart A or B of this part shall also apply to products of like chemical composition having a benzenoid, quinoid, or modified benzenoid structure artificially produced by synthesis, whether or not obtained, derived, or manufactured in whole or in part from products described in the said subpart A or B.</p> <p>2. For the purposes of the Tariff Schedules, the term "pesticides" means products, such as insecticides, rodenticides, fungicides, herbicides, fumigants, and seed disinfectants, chiefly used to destroy undesired animal or plant life.</p> <p>3. The term "plastics materials" in items 408.44 to 409.18, inclusive, embraces products formed by the condensation, polymerization, or copolymerization of organic chemicals and to which plasticizers, fillers, colors, or extenders may have been added. The term includes, but is not limited to, phenolic and other tar-acid resins, styrene resins, alkyd and polyester resins based on phthalic anhydride, coumarone-indene resins, urethane, epoxy, toluene sulfonamide, maleic, fumaric, aniline, and polyamide resins, and other synthetic resins. The plastics materials may be in solid, semi-solid, or liquid condition, such as flakes, powders, pellets, granules, solutions, emulsions, and other basic forms not further processed.</p> <p>4. For the purpose of the classification of merchandise provided for under items 408.44 to 409.18, inclusive, the following provisions shall apply:</p> <p>(a) The term "thermoplastic resins" means those materials in unfinished forms which in their final state as finished articles are capable of being repeatedly softened by increase of temperature and hardened by decrease of temperature.</p> <p>(b) The term "thermosetting resins" (or thermosets) means those materials in unfinished forms which in their final state as finished articles are substantially infusible. Thermosetting resins are often liquids at some stage in their manufacture or processing and are cured by heat, catalysis, or other chemical means. After being fully cured, thermosets cannot be resoftened by heat.</p> <p>(c) Copolymers and terpolymers not specially provided for shall be classified as if they consisted entirely of that monomer which is present in the largest amount by weight on a resin content basis (i.e., excluding the weight of plasticizers, liquid diluents, fillers, or other additives). Any polymer consisting of two or more monomers which are present in equal amounts shall be classified as if it consisted entirely of that monomer whose polymer is listed first under the thermoplastic or thermosetting resins, as appropriate.</p> <p>^{1/} Articles exported to the United States prior to July 1, 1980, must be appraised under the valuation standards provided for in sections 402 and 402a of the Tariff Act of 1930 in effect on June 30, 1980, and are subject to classification under the items of the Tariff Schedules in effect on that date.</p>				

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 1. - Benzenoid Chemicals and Products

Item	Stat. Suf-fix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		<p>5. The term "<u>paints and enamel paints</u>" in this subpart covers dispersions of pigments or pigment-like materials with a liquid (vehicle) which are suitable for application to surfaces as a thin layer, and which dry (harden) to an opaque, solid film. The vehicle of paints consists of drying oils or resins which bind the pigment particles together in the film; the vehicle of enamel paints is principally varnish. Paints and enamel paints may also contain thinners, driers, plasticizers, or other agents.</p> <p>6. The term "<u>stains</u>" in this subpart covers liquids containing transparent or semi-transparent pigments, dyes, or chemicals, chiefly used to deepen or otherwise alter the color of wood, but which will not obscure its grain, texture, or markings.</p> <p>7. For the purposes of this subpart -- (a) The term "<u>surface-active agents</u>" means synthetic organic compounds, or mixtures thereof, which function as surface tension modifiers and are chiefly used for any one or combination of the following purposes: as detergents, wetting agents, emulsifiers, dispersants, or foaming agents. (b) The term "<u>synthetic detergents</u>" embraces formulated materials which are used chiefly for household, laundry, and industrial cleaning purposes, and which consist of one or more surface-active agents as the active ingredients in combination with colors, brighteners, perfumes, inert diluents, builders, and extenders such as inorganic salts, polyphosphates, polysilicates or sodium carboxymethylcellulose.</p> <p>8. The term "<u>plasticizers</u>" in item 409.34 means substances which may be incorporated into a material (usually a plastic, resin material, or an elastomer) to increase its softness, flexibility, workability, or distensibility.</p> <p>9. The term "<u>drugs</u>" in this subpart means those substances having therapeutic or medicinal properties and chiefly used as medicines or as ingredients in medicines.</p> <p>10. For the purposes of the provisions of this subpart relating to "colors, dyes, stains, and related products" (except products provided for in items 410.36 to 410.44, inclusive) -- (a) the specific duties shall be based on standards of strength which shall be established by the Secretary of the Treasury, and upon all importations of such articles which exceed such standards of strength the specific duty shall be computed on the weight which the article would have if it were diluted to the standard strength, but in no case shall any such articles of whatever strength be subject to a less specific duty than that provided in the respective items of this subpart; (b) it shall be unlawful to import or bring into the United States any such product unless the invoice shall bear a plain, conspicuous, and truly descriptive statement of the identity and percentage, exclusive of diluents, of such product; (c) it shall be unlawful to import or bring into the United States any such product, if the immediate container or the invoice bears a statement, design, or device regarding the product or the ingredients or substances contained therein which is false, fraudulent, or misleading in any particular; and</p>				

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 1. - Benzenoid Chemicals and Products

4 - 1 - C
408.00 - 408.17

Item	Stat. Suf-fix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		<p>(d) in the enforcement of the foregoing provisions of this headnote the Secretary of the Treasury shall adopt a standard of strength for each dye or other product which shall conform as nearly as practicable to the commercial strength in ordinary use in the United States prior to July 1, 1914. If a dye or other product has been introduced into commercial use since said date then the standard of strength for such dye or other product shall conform as nearly as practicable to the commercial strength in ordinary use. If a dye or other product was or is ordinarily used in more than one commercial strength, then the lowest commercial strength shall be adopted as the standard of strength for such dye or other product.</p> <p>11. Any product described in two or more of the items under items 411.30 to 412.69 inclusive ② is to be classified in the first applicable item.</p> <p>12. The term "Dyes containing, by weight" in items 409.62, 409.86, and 410.04, means those products which contain as the only dye components the specified components listed therewith, each of which must be present in the product. A tolerance of plus or minus 2 percentage points from the named percentages is allowable.</p> <p>Products obtained, derived, or manufactured in whole or in part from any product provided for in subpart A or B of this part:</p> <p>Explosives:</p> <p>Trinitrotoluene:</p>				
408.00	00	Valued not over 15 cents per pound.....	Lb.....	8.9% ad val.	Free (A,E) 3.6% ad val.(I)	7¢ per lb. + 45% ad val.
408.04	00	Valued over 15 cents per pound.....	Lb.....	Free		7¢ per lb. + 45% ad val.
408.08	00	Other.....	Lb.....	6.5% ad val.	Free (A,E,I)	7¢ per lb. + 45% ad val.
408.12	00	Ink powders.....	Lb.....	6.2% ad val.	Free (A,E,I)	7¢ per lb. + 45% ad val.
		Pesticides:				
		Not artificially mixed:				
408.16	00	Fungicides.....	Lb.....	11.1% ad val.	Free (A,E,I)	7¢ per lb. + 40% ad val.
		Herbicides (including plant growth regulators):				
408.17	00	5-Amino-4-chloro-alpha-phenyl-3-pyridazinone; 2-tert-Butyl-4-(2,4-dichloro-5-isopropoxyphenyl)-Δ ² -1,3,4-oxadiazolin-5-one; S-(4-Chlorobenzyl)-N,N-diethylthiocarbamate (Benthiocarb); 4-(4-Chloro-2-methylphenoxy)-butyric acid; 2-(4-Chloro-2-methylphenoxy)-propionic acid and its salts; p-Chlorophenoxyacetic acid; 3-(p-Chlorophenyl)-1,1-dimethylurea (Monuron); 3,5-Dibromo-4-hydroxybenzoxynitrile (Bromoxynil); 2-(2,4-Dichlorophenoxy)propionic acid; 1,1-Dimethyl-3-(α,α,α-trifluorom-tolyl)urea (Fluometuron); o-Diquat dibromide(1,1'-Ethylene-2,2'-dipyridylum dibromide);				

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 1. - Benzenoid Chemicals and Products

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408.17 - 408.37

Item	Stat. Suf-fix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		Products obtained, derived, or manufactured in whole or in part from any product provided for in subpart A or B of this part (con.): Pesticides (con.): Not artificially mixed (con.): Herbicides (including plant growth regulators) (con.):				
408.17 (con.)		3-Ethoxycarbonylamino-phenyl-N-phenylcarbamate (Desmedipham); 2-Ethoxy-2,3-dihydro-3,3-dimethyl-5-benzofuran-ylmethane-sulfonate; 3-Isopropyl-1H-2,1,3-benzothiadiazin-4(3H)-one-2,2-dioxide (Bentazon); Isopropyl-N-(3-chlorophenyl) carbamate (CIPC); Methyl-4-aminobenzenesulfonyl-carbamate (Asulam); and o-Paraquat dichloride.....	Lb.....	6.8% ad val.	Free (A,E,I)	7¢ per lb. + 40.5% ad val.
408.18	00	a,a,a -Trifluoro-2,6-dinitro-N,N-dipropyl-p-toluidine (Trifluralin).....	Lb.....	13.5% ad val.	Free (E) 5.4% ad val.(I)	7¢ per lb. + 48.5% ad val.
408.20	00	Other.....	Lb.....	13.5% ad val.	Free (A,E,I)	7¢ per lb. + 48.5% ad val.
		Insecticides:				
408.24	00	N'-(4-Chloro-o-tolyl)-N,N-dimethylformamide; 1,1-Dichloro-2,2-bis(p-ethyl-phenyl)ethane; 0,0-Diethyl-S-[(6-chloro-2-oxo-benzoxazolin-3-yl)methyl]phosphorodithioate (Phosalone); 2,2-Dimethyl-1,3-benzodioxol-4-yl methylcarbamate (Bendiocarb); and 0,0-Dimethyl-O-(4-nitro-m-tolyl)phosphorothioate (Fenitrothion).....	Lb.....	6.9% ad val.	Free (A,E,I)	7¢ per lb. + 41% ad val.
408.27	00	Other.....	Lb.....	12.5% ad val.	Free (A,E,I)	7¢ per lb. + 64.5% ad val.
408.31	00	Other: 1,2-Benzisothiazolin-3-one.....	Lb.....	6.9% ad val.	Free (A,E,I)	7¢ per lb. + 41% ad val.
408.32	00	Other.....	Lb.....	10.7% ad val.	Free (A,E) 4.3% ad val.(I)	7¢ per lb. + 40% ad val.
408.37	00	Other.....	Lb.....	0.8¢ per lb. + 9.7% ad val.	Free (A,E,I)	7¢ per lb. + 31% ad val.

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SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 1. - Benzenoid Chemicals and Products

4 - 1 - C
408.41 - 408.88

Item	Stat. Suf-fix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		Products obtained, derived, or manufactured in whole or in part from any product provided for in subpart A or B of this part (con.):				
408.41		Photographic chemicals.....	Lb.....	8.5% ad val.	Free (A,E) 3.4% ad val.(I)	7¢ per lb. + 50% ad val.
	40	Not artificially mixed.....	Lb.			
	80	Other.....	Lb.			
		Plastics materials:				
408.44	00	Concentrated dispersions of pigments in plastics materials.....	Lb.....	5.9% ad val.	Free (A,E,I)	7¢ per lb. + 45% ad val.
408.48	00	Paints and enamel paints.....	Lb.....	5.9% ad val.	Free (A,E,I)	7¢ per lb. + 45% ad val.
		Other:				
		Thermoplastic resins:				
408.54	00	Petroleum hydrocarbon and coumarone-indene resins.....	Lb.....	6.1% ad val.	Free (A,E,I)	7¢ per lb. + 49% ad val.
408.61	00	Polyamide resins, nylon type.....	Lb.....	6.3% ad val.	Free (A,E,I)	7¢ per lb. + 51.5% ad val.
408.64	00	Polycarbonate resins.....	Lb.....	5.8% ad val.	Free (A,E,I)	7¢ per lb. + 45% ad val.
408.68	00	Polyester resins, saturated.....	Lb.....	1.4¢ per lb. + 9% ad val.	Free (A,E,I)	7¢ per lb. + 45% ad val.
408.72	00	Acrylonitrile-butadiene-styrene (ABS) resins.....	Lb.....	0.3¢ per lb. + 9.4% ad val.	Free (A*,E,I)	7¢ per lb. + 47% ad val.
408.76	00	Methyl methacrylate-butadiene-styrene (MBS) resins.....	Lb.....	7.6% ad val.	Free (A,E) 3% ad val.(I)	7¢ per lb. + 67.5% ad val.
408.81	00	Styrene-acrylonitrile (SAN) resins.....	Lb.....	0.5¢ per lb. + 9.1% ad val.	Free (A,E,I)	7¢ per lb. + 45.5% ad val.
408.84		Polystyrene resins and styrene copolymers, terpolymers (except ABS, MBS, and SAN resins).....	.....	0.4¢ per lb. + 9.2% ad val.	Free (A,E,I)	7¢ per lb. + 46% ad val.
	20	Polystyrene homopolymer resins.	Lb.			
	50	Other.....	Lb.			
408.88	00	Other.....	Lb.....	6.1% ad val.	Free (A,E,I)	7¢ per lb. + 49% ad val.

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TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 1. - Benzenoid Chemicals and Products

Item	Stat. Suf-fix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		Products obtained, derived, or manufactured in whole or in part from any product provided for in subpart A or B of this part (con.): Plastics materials (con.): Other (con.): Thermosetting resins:				
408.92	00	Alkyd resins.....	Lb.....	1.4¢ per lb. + 9% ad val.	Free (A,E,I)	7¢ per lb. + 45% ad val.
408.96	00	Allyl resins (e.g., diallyl phthalate).....	Lb.....	5.8% ad val.	Free (A,E,I)	7¢ per lb. + 45% ad val.
409.02	00	Epoxy resins.....	Lb.....	6.1% ad val.	Free (A,E,I)	7¢ per lb. + 47% ad val.
409.06	00	Phenolic resins.....	Lb.....	6.5% ad val.	Free (A,E,I)	7¢ per lb. + 48% ad val.
409.10	00	Polyester resins, unsaturated.....	Lb.....	0.4¢ per lb. + 9% ad val.	Free (A,E,I)	7¢ per lb. + 45% ad val.
409.14	00	Polyurethane resins.....	Lb.....	6.3% ad val.	Free (A,E,I)	7¢ per lb. + 51.5% ad val.
409.18	00	Other.....	Lb.....	5.8% ad val.	Free (A,E,I)	7¢ per lb. + 45% ad val.
		Products chiefly used as assistants in preparing or finishing textiles: Surface-active agents and synthetic detergents.....				
409.22		Surface-active agents, anionic.....	Lb.	6.6% ad val.	Free (A,E,I)	7¢ per lb. + 53.5% ad val.
	15	Surface-active agents, cationic and amphoteric.....	Lb.			
	25	Surface-active agents, nonionic.....	Lb.			
	35	Synthetic detergents.....	Lb.			
409.27	00	Other.....	Lb.....	6.1% ad val.	Free (A,E,I)	7¢ per lb. + 49.5% ad val.
409.30		Products (except those in items 409.22, 409.26 and 409.28) chiefly used for any one or combination of the following purposes: As detergents, wetting agents, emulsifiers, dispersants, or foaming agents.....		7.7% ad val.	Free (A,E) 3.1% ad val.(I)	7¢ per lb. + 44.5% ad val.
	20	Surface-active agents, anionic.....	Lb.			
	40	Surface-active agents, cationic and amphoteric.....	Lb.			
	60	Surface-active agents, nonionic.....	Lb.			
409.34	80	Other.....	Lb.			
		Products chiefly used as plasticizers.....		0.1¢ per lb. + 17.7% ad val.	Free (A,E,I)	7¢ per lb. + 57% ad val.
	10	Phthalic acid esters.....	Lb.			
		Phosphoric acid esters:				
	25	Triphenyl phosphate.....	Lb.			
	27	Trixylyl phosphate.....	Lb.			
	29	Other.....	Lb.			
	50	Other.....	Lb.			
409.38	00	Sodium benzoate.....	Lb.....	8.2% ad val.	Free (A,E) 3.3% ad val.(I)	7¢ per lb. + 65.5% ad val.
409.42	00	Synthetic tanning materials.....	Lb.....	14.3% ad val.	Free (A,E) 5.7% ad val.(I)	7¢ per lb. + 48.5% ad val.

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SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 1. - Benzenoid Chemicals and Products

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409.46 - 409.58

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
409.46	00	Colors, dyes, stains, and related products: Sulfur black, "Colour Index Nos. 53185, 53190, and 53195".....	Lb.....	1.5¢ per lb. + 14% ad val.	Free (E) 0.6¢ per lb. + 5.6% ad val.(I)	3¢ per lb. + 28% ad val.
409.50	00	Vat blue 1 (synthetic indigo), "Colour Index No. 73000".....	Lb.....	1.5¢ per lb. + 14.4% ad val.	Free (E) 0.6¢ per lb. + 5.8% ad val.(I)	3¢ per lb. + 29% ad val.
409.54		Acid blue 45, 106; Acid yellow 116; Basic blue 3; Basic red 14; Basic yellow 1, 11, 13; Direct blue 86; Direct red 83; Direct yellow 28; Disperse red 4; Fluorescent brightening agent 32; Solvent orange 11; Solvent yellow 25; Vat brown 3; Vat orange 2, 7; and Vat violet 9, 13; all the foregoing obtained, derived, or manufactured in whole or in part from any product provided for in subpart A or B of this part.....				
	10	Specified acid dyes.....	Lb.	20% ad val.	Free (E) 8% ad val.(I)	7¢ per lb. + 63.5% ad val.
	30	Specified basic dyes.....	Lb.			
	50	Specified direct dyes.....	Lb.			
	70	Specified vat dyes.....	Lb.			
	90	Other.....	Lb.			
409.58		Acid black 31, 50, 94, 129; Acid blue 54, 127, 129, 143; Acid brown 44, 46, 48, 58, 188, 189; Acid green 40; Acid red 130, 145, 174, 211; Acid violet 19, 31, 41, 48; Acid yellow 2, 75; Basic orange 22; Basic red 13; Direct black 62, 91; Direct blue 92, 106, 108, 109, 160, 172; Direct brown 103, 115, 116; Direct green 5, 29, 31; Direct orange 37; Disperse blue 30; Fluorescent brightening agent 18, 24; Ingrain blue 2; Mordant black 8; Mordant green 47; Mordant red 17, 27; Reactive black 1; Reactive blue 1, 2, 4; Reactive orange 1; Reactive red 1, 2, 3, 5, 6; Reactive yellow 1; Vat blue 2; Vat red 44; Vat solubilized orange 3; and Vat yellow 4, 20; all the foregoing obtained, derived, or manufactured in whole or in part from any product provided for in subpart A or B of this part.....				
	10	Specified acid dyes.....	Lb.	14.2% ad val.	Free (E) 5.7% ad val.(I)	7¢ per lb. + 50% ad val.
	30	Specified basic dyes.....	Lb.			
	50	Specified direct dyes.....	Lb.			
	70	Specified vat dyes.....	Lb.			
	90	Other.....	Lb.			

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SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 1. - Benzenoid Chemicals and Products

Item	Stat. Suf-fix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
409.62	00	<p>Colors, dyes, stains, and related products (con.): Colors, dyes, and stains (except toners), whether soluble or not in water, obtained, derived, or manufactured in whole or in part from any product provided for in subpart A or B of this part:</p> <p>Acid dyes:</p> <p>Acid black 61, 63, 76, 83, 117, 127, 131, 132, 139, 164, 170, 177, 183, 188, 194, 199, 211;</p> <p>Acid blue 1, 47, 60, 61, 66, 72, 81, 82, 83, 90, 98, 102, 112, 123, 126, 127:1, 130, 133, 140, 142, 147, 151, 172, 175, 182, 185, 193, 204, 205, 208, 209, 221, 225, 229, 239, 242, 247, 250, 252, 254, 260, 261, 264, 266, 268, 280, 284, 288, 290, 296, 312, 317, 318;</p> <p>Acid brown 10, 11, 12, 30, 33, 45, 50, 68, 83, 85, 100, 101, 103, 104, 105, 106, 126, 127, 147, 158, 160, 161, 162, 163, 165, 180, 191, 195, 224, 226, 227, 235, 237, 239, 248, 266, 267, 270, 276, 282, 283, 289, 290, 291, 298, 304, 311, 314, 315, 321, 322, 324, 325, 330, 331, 355, 357, 358, 359, 360, 361, 362, 384;</p> <p>Acid green 9, 26, 28, 41, 43, 60, 68, 70, 71, 73, 80, 82, 84, 89, 92, 93, 94, 108, 112;</p> <p>Acid orange 3, 19, 28, 33, 43, 47, 61, 86, 89, 92, 94, 102, 107, 126, 135, 142, 144;</p> <p>Acid red 37, 42, 48, 52, 57, 58, 92, 111, 118, 127, 131, 138, 143, 155, 161, 183, 199, 213, 215, 216, 226, 227, 228, 249, 252, 257, 259, 260, 261, 263, 274, 281, 282, 283, 301, 303, 310, 315, 330, 331, 332, 336, 347, 357, 359, 360, 361, 362, 380, 392, 394, 396;</p> <p>Acid violet 9, 34, 36, 47, 66, 75, 80, 90, 103, 109, 111, 121;</p> <p>Acid yellow 7, 35, 64, 70, 72, 96, 98, 111, 127, 136, 155, 167, 183, 184, 194, 195, 199, 218, 221, 223, 227;</p> <p>Copper phthalocyanine-3,3',4,4'-tetrasulfonic acid;</p> <p>Copper phthalocyanine-4,4',4'',4'''-tetrasulfonic acid;</p> <p>Dyes containing, by weight-- 24.2% Acid Yellow 135, 21.7% Acid Orange 51, and 54.1% Acid Blue 113;</p> <p>Dyes containing, by weight-- 10.1% Acid Yellow 64, 11.6% Acid Orange 51, 26.3% Acid Blue 113, 50.5% Acid Black 172, and 1.5% Acid Green 25.....</p>	Lb.....	9.2% ad val.	3.7% ad val.(I) Free (E)	7c per lb. + 52% ad val.
409.66	00	<p>Other: Products provided for in the Chemical Appendix to the Tariff Schedules.....</p>	Lb.....	20% ad val.	8% ad val.(I) Free (E)	7c per lb. + 69.5% ad val.
409.68	00	Other.....	Lb.....	15% ad val.	6% ad val.(I)	7c per lb. + 69.5% ad val.

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SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 1. - Benzenoid Chemicals and Products

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409.70 - 409.86

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
409.70	00	Colors, dyes, atains, and related products (con.): Colors, dyes, and stains (except toners), whether soluble or not in water, etc. (con.): Basic dyes: Basic black 7; Basic blue 41, 45, 48, 55, 62, 66, 70, 71, 78, 80, 81, 120, 141; Basic green 6, 8; Basic orange 30, 35, 36, 37, 43, 44, 48; Basic red 22, 23, 28, 29, 43, 44, 46, 58, 75, 100; Basic violet 2, 22, 25, 37, 38; and Basic yellow 19, 23, 24, 25, 39, 40, 45, 54, 56, 63, 70, 77.....	Lb.....	9% ad val.	Free (E) 3.6% ad val.(I)	7c per lb. + 51% ad val.
409.74	00	Other: Products provided for in the Chemical Appendix to the Tariff Schedules.....	Lb.....	20% ad val.	Free (E) 8% ad val.(I)	7c per lb. + 70% ad val.
409.76	00	Other.....	Lb.....	15% ad val.	Free (E) 6% ad val.(I)	7c per lb. + 70% ad val.
409.78	00	Direct dyes: Direct black 51, 69, 112, 114, 118, 122; Direct blue 74, 77, 90, 137, 156, 158, 158:1, 207, 211, 225, 244, 267; Direct brown 97, 113, 157, 169, 170, 200, 212, 214; Direct green 33, 59, 67, 68; Direct orange 17, 60, 105, 106, 107, 118; Direct red 9, 89, 92, 95, 111, 127, 173, 207, 221; Direct violet 47, 93; and Direct yellow 27, 39, 68, 93, 95, 96, 98, 109, 110, 133, 134.....	Lb.....	9.5% ad val.	Free (E) 3.8% ad val.(I)	7c per lb. + 53.5% ad val.
409.82	00	Other: Products provided for in the Chemical Appendix to the Tariff Schedules.....	Lb.....	20% ad val.	Free (E) 8% ad val.(I)	7c per lb. + 64.5% ad val.
409.84	00	Other.....	Lb.....	15% ad val.	Free (E) 6% ad val.(I)	7c per lb. + 64.5% ad val.
409.86	00	Disperse dyes: Disperse blue 19, 26, 26:1, 35, 55, 56, 58, 72, 73, 79, 83, 84, 93, 95, 122, 125, 126, 128, 148, 154, 165, 180, 183, 185, 200, 284, 285, 288, 289, 295, 296; Disperse brown 19; Disperse green 9; Disperse orange 7, 13, 20, 31, 32, 42, 47, 48, 54, 56, 60, 63, 70, 80, 96, 127, 137, 139; Disperse red 44, 46, 72, 73, 90, 93, 107, 118, 121, 122, 131, 133, 134, 151, 169, 184, 185, 202, 203, 224, 277, 278, 279, 282, 288, 303, 310; Disperse violet 23, 33, 35, 48, 57, 63; and Disperse yellow 13, 44, 58, 63, 65, 82, 85, 91, 107, 119, 122, 124, 126, 139, 182, 183, 184, 202, 204; Dyes containing, by weight-- 12.7% Disperse Yellow 1, 32.3% Disperse Orange 1, 19.8% Disperse Blue 35, and 35.2% Disperse Blue 3;				

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SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 1. - Benzenoid Chemicals and Products

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
409.86 (con.)		Colors, dyes, stains, and related products (con.): Colors, dyes, and stains (except toners), whether soluble or not in water, etc. (con.): Disperse dyes (con.): Dyea containing, by weight-- 39.0% Disperse Yellow 39, 28.0% Disperse Orange 25, and 33.0% Disperse Violet 27; Dyes containing, by weight-- 89.4% Disperse Violet 27, and 10.6% Disperse Green 9; Dyea containing, by weight-- 67.7% Disperse Blue 35, 14.2% Disperse Yellow 1, and 18.1% Disperse Orange 1; Dyea containing, by weight-- 74.3% Disperse Blue 285, 18.0% Disperse Brown 19, and 7.7% Disperse Yellow 126.....	Lb.....	9% ad val.	Free (E) 3.6% ad val.(I)	7¢ per lb. + 51% ad val.
409.90	00	Other: Products provided for in the Chemical Appendix to the Tariff Schedules.....	Lb.....	20% ad val.	Free (E) 8% ad val.(I)	7¢ per lb. + 62.5% ad val.
409.92	00	Other.....	Lb.....	15% ad val.	Free (E) 6% ad val.(I)	7¢ per lb. + 62.5% ad val.
409.94	00	Fluorescent brighteners.....	Lb.....	8.1% ad val.	Free (E) 3.2% ad val.(I)	7¢ per lb. + 43% ad val.
409.96	00	Solvent dyes: Solvent black 2, 3, 27, 28, 29, 34, 35; Solvent blue 45, 49, 51, 53, 56, 67, 97; Solvent brown 1, 28, 42, 43, 44; Solvent green 4, 5, 7, 19, 27, 28, 213; Solvent orange 45, 54, 59, 62, 63, 67; Solvent red 7, 18, 19, 23, 27, 35, 89, 92, 100, 110, 118, 119, 124, 125, 127, 129, 130, 131, 132, 160, 162; Solvent violet 2, 23, 24; and Solvent yellow 1, 30, 32, 48, 64, 89, 93, 98, 160.....	Lb.....	8.2% ad val.	Free (E) 3.3% ad val.(I)	7¢ per lb. + 45% ad val.
410.00	00	Other: Products provided for in the Chemical Appendix to the Tariff Schedules.....	Lb.....	20% ad val.	Free (E) 8% ad val.(I)	7¢ per lb. + 63% ad val.
410.02	00	Other.....	Lb.....	15% ad val.	Free (E) 6% ad val.(I)	7¢ per lb. + 63% ad val.

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SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 1. - Benzenoid Chemicals and Products

4 - 1 - C

410.04 - 410.10

Item	Stat. Suf-fix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
410.04	00	Colors, dyes, stains, and related products (con.): Colors, dyes, and stains (except toners), whether soluble or not in water, etc. (con.): Reactive dyes: Dyes containing, by weight-- 71.0% Reactive Yellow 85, and 29.0% Reactive Orange 13; Dyes containing, by weight-- 50.0% Reactive Red 120, and 50.0% Reactive Yellow 84; Dyes containing, by weight-- 50.0% Reactive Blue 74, and 50.0% Reactive Blue 63; Dyes containing, by weight-- 66.7% Reactive Orange 12, and 33.3% Reactive Red 32; Dyes containing, by weight-- 57.9% Reactive Blue 13, and 42.1% Reactive Black 41; Reactive black 4, 10, 13, 21, 23, 26, 34, 35, 41; Reactive blue 6, 7, 8, 10, 13, 18, 19, 21, 22, 23, 24, 26, 27, 29, 34, 38, 39, 40, 41, 42, 43, 44, 50, 51, 52, 63, 65, 66, 67, 69, 73, 74, 75, 77, 78, 79, 82, 94, 99, 103, 104, 114, 116, 118, 136, 137, 139, 140, 156, 157, 160, 162, 163, 167, 170; Reactive brown 2, 5, 7, 12, 16, 18, 19, 23, 26; Reactive green 5, 6, 8, 12, 15, 16, 19; Reactive orange 3, 5, 9, 10, 11, 15, 20, 29, 33, 34, 35, 41, 42, 44, 45, 62, 64, 67, 68, 69, 70, 71, 82, 84, 89; Reactive red 4, 7, 8, 10, 12, 13, 16, 17, 19, 21, 24, 29, 30, 32, 40, 42, 44, 45, 49, 55, 56, 66, 78, 80, 82, 83, 84, 85, 86, 99, 104, 116, 118, 119, 121, 122, 123, 124, 132, 134, 141, 151, 152, 159, 179; Reactive violet 3, 6, 12, 23, 24; and Reactive yellow 2, 4, 5, 6, 11, 12, 15, 25, 27, 29, 35, 37, 39, 41, 42, 52, 57, 58, 64, 81, 82, 85, 87, 110, 125, 135.....	Lb.....	8.3% ad val.	Free (E) 3.3% ad val.(I)	7¢ per lb. + 46.5% ad val.
410.08	00	Other: Products provided for in the Chemical Appendix to the Tariff Schedules.....	Lb.....	20% ad val.	Free (E) 8% ad val.(I)	7¢ per lb. + 62.5% ad val.
410.10	00	Other.....	Lb.....	15% ad val.	Free (E) 6% ad val.(I)	7¢ per lb. + 62.5% ad val.

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 1. - Benzenoid Chemicals and Products

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
410.12	00	Colors, dyes, stains, and related products (con.): Colors, dyes, and stains (except toners), whether soluble or not in water, etc. (con.): Vat dyes: Solubilized vat blue 5; Solubilized vat orange 1; Solubilized vat yellow 7, 45, 47; Vat black 19, 30, 31; Vat blue 5, 16, 19, 21, 66, 67; Vat brown 33, 50, 57; Vat green 28, 48; Vat orange 5, 13; Vat red 10, 15, 32, 41; and Vat yellow 46.....	Lb.....	8.4% ad val.	Free (E) 3.4% ad val.(I)	7¢ per lb. + 47.5% ad val.
410.16	00	Other: Products provided for in the Chemical Appendix to the Tariff Schedules.....	Lb.....	20% ad val.	Free (E) 8% ad val.(I)	7¢ per lb. + 74.5% ad val.
410.18	00	Other.....	Lb.....	15% ad val.	Free (E) 6% ad val.(I)	7¢ per lb. + 74.5% ad val.
410.19	00	Other: Mordant black 75; Mordant blue 1; Mordant brown 79; and Mordant red 81, 84.....	Lb.....	9% ad val.	Free (E) 3.6% ad val.(I)	7¢ per lb. + 49.5% ad val.
410.20	00	Other: Products provided for in the Chemical Appendix to the Tariff Schedules.....	Lb.....	20% ad val.	Free (E) 8% ad val.(I)	7¢ per lb. + 49.5% ad val.
410.22	00	Other.....	Lb.....	15% ad val.	Free (E) 6% ad val.(I)	7¢ per lb. + 49.5% ad val.
410.24		Natural alizarin and natural indigo; colors, dyes, and stains (except toners), whether soluble or not in water, obtained, derived, or manufactured in whole or in part from natural alizarin or natural indigo; color acids, color bases, indoxyl, indoxyl compounds, and leuco-compounds (whether colorless or not), obtained, derived, or manufactured in whole or in part from natural alizarin, natural indigo, or any product provided for in subpart A or B of this part.....	.....	20% ad val.	Free (E) 8% ad val.(I)	7¢ per lb. + 70% ad val.
	20	Color acids, color bases, indoxyl, indoxyl compounds and leuco-compounds (whether color- less or not), obtained, derived, or manufac- tured in whole or in part from any product provided for in subpart A or B of this part...	Lb.			
	40	Other.....	Lb.			

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

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SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 1. - Benzenoid Chemicals and Products

4 - 1 - C
410.28 - 410.66

Item	Stat. Suf-fix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
410.28	00	Colors, dyes, stains, and related products (con.): Color lakes and toners, obtained, derived, or manufactured in whole or in part from natural alizarin, natural indigo, or any product provided for in subpart A or B of this part: Pigment black 1; Pigment blue 16, 18; Pigment brown 22, 23, 25, 32; Pigment green 8; Pigment orange 31, 34, 36, 51; Pigment red 9, 14, 34, 48:3, 52, 68, 112, 139, 144, 146, 151, 166, 169, 170, 171, 175, 176, 177, 178, 180, 185, 188, 192, 199, 208, 209, 216, 220, 221; Pigment violet 32; and Pigment yellow 16, 24, 49, 62:1, 81, 93, 95, 97, 101, 108, 109, 110, 113, 117, 127, 138, 153.....	Lb.....	8.3% ad val.	Free (E) 3.3% ad val.(I)	7¢ per lb. + 46% ad val.
410.32	00	Other: Products provided for in the Chemical Appendix to the Tariff Schedules.....	Lb.....	20% ad val.	Free (E) 8% ad val.(I)	7¢ per lb. + 70.5% ad val.
410.34	00	Other.....	Lb.....	15% ad val.	Free (E) 6% ad val.(I)	7¢ per lb. + 70.5% ad val.
410.36	00	Fast color bases.....	Lb.....	12.5% ad val.	Free (A,E) 5% ad val.(I)	7¢ per lb. + 53% ad val.
410.40	00	Fast color salts.....	Lb.....	12.5% ad val.	Free (A,E) 5% ad val.(I)	7¢ per lb. + 54.5% ad val.
410.44	00	Naphthol AS and derivatives.....	Lb.....	14% ad val.	Free (A,E) 5.6% ad val.(I)	7¢ per lb. + 60% ad val.
410.48	00	Products suitable for medicinal use, and drugs: Obtained, derived, or manufactured in whole or in part from any product provided for in subpart A or B of this part: Products suitable for medicinal use: Acetanilide.....	Lb.....	10.8% ad val.	Free (A,E) 4.3% ad val.(I)	7¢ per lb. + 45% ad val.
410.52	00	Benzaldehyde.....	Lb.....	7.2% ad val.	Free (A,E) 2.9% ad val.(I)	7¢ per lb. + 45% ad val.
410.56	00	Benzoic acid.....	Lb.....	8.6% ad val.	Free (A,E) 3.4% ad val.(I)	7¢ per lb. + 69.5% ad val.
410.60	00	2-Naphthol (beta-Naphthol).....	Lb.....	7% ad val.	Free (A,E,I)	7¢ per lb. + 45% ad val.
410.64	00	Resorcinol.....	Lb.....	5.9% ad val.	Free (A,E,I)	7¢ per lb. + 34% ad val.
410.66	00	Salicylic acid and its salts.....	Lb.....	8.7% ad val.	Free (A,E) 3.5% ad val.(I)	7¢ per lb. + 72% ad val.

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 1. - Benzenoid Chemicals and Products

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		Products suitable for medicinal use, and drugs (con.): Obtained, derived, or manufactured in whole or in part from any product provided for in subpart A or B of this part (con.): Drugs:				
410.68	00	Acetphenetidine (Phenacetin).....	Lb.....	6.7% ad val.	Free (A,E,I)	7¢ per lb. + 54.5% ad val.
410.72	00	Acetylsalicylic acid (Aspirin).....	Lb.....	10.2% ad val.	Free (A*,E) ① 4.1% ad val.(I)	7¢ per lb. + 82% ad val.
410.76	00	Antipyrine.....	Lb.....	7.2% ad val.	Free (A,E) 2.9% ad val.(I)	7¢ per lb. + 49.5% ad val.
410.80	00	5-Chloro-7-iodo-8-quinolinol (Iodo-chlorhydroxyquin) and 2-[1-(p-chlorophenyl)-3-dimethylaminopropyl]pyridine maleate (Chlorpheniramine maleate).....	Lb.....	7.6% ad val.	Free (A,E) 3% ad val.(I)	7¢ per lb. + 73.5% ad val.
410.84	00	Diethylaminoacetoxylidide (Lidocaine)...	Lb.....	10% ad val.	Free (A,E) 4% ad val.(I)	7¢ per lb. + 101.5% ad val.
410.88	00	5-Ethyl-5-phenylhexahydropyrimidine-4,6-dione (Primidone).....	Lb.....	5.3% ad val.	Free (A,E,I)	7¢ per lb. + 45% ad val.
		Hydantoin derivatives:				
410.92	00	Methylphenethylhydantoin (Mephentoin).....	Lb.....	6.7% ad val.	Free (A,E,I)	7¢ per lb. + 63% ad val.
410.96	00	Other.....	Lb.....	6.7% ad val.	Free (A,E,I)	7¢ per lb. + 63% ad val.
		Imidazoline derivatives:				
411.00	00	2-Benzyl-4,5-imidazoline hydrochloride (Tolazoline hydrochloride).....	Lb.....	6.4% ad val.	Free (A,E,I)	7¢ per lb. + 58.5% ad val.
411.04	00	Phenylbenzylaminoethylimidazoline hydrochloride.....	Lb.....	5.9% ad val.	Free (A,E,I)	7¢ per lb. + 51% ad val.
411.09	00	Other.....	Lb.....	6% ad val.	Free (A,E,I)	7¢ per lb. + 51% ad val.
411.12	00	Phenolphthalein.....	Lb.....	7.4% ad val.	Free (E) 3% ad val.(I)	7¢ per lb. + 53% ad val.
411.16	00	Phenylephrine hydrochloride.....	Lb.....	6.8% ad val.	Free (E,I)	7¢ per lb. + 58.5% ad val.
411.20	00	Salol (Phenyl salicylate).....	Lb.....	6.8% ad val.	Free (A,E,I)	7¢ per lb. + 45% ad val.
411.24	00	Sulfamethazine.....	Lb.....	8% ad val.	Free (A,E) 3.2% ad val.(I)	7¢ per lb. + 80% ad val.

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(3rd supp. 6/1/88)

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 1. - Benzenoid Chemicals and Products

4 - 1 - C
411.26 - 411.49

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		Products suitable for medicinal use, and drugs (con.): Obtained, derived, or manufactured in whole or in part from any product provided for in subpart A or B of this part (con.): Drugs (con.):				
411.26	00	Sulfamerazine.....	Lb.....	11.6% ad val.	Free (A,E) 4.6% ad val.(I)	7¢ per lb. + 128.5% ad val.
411.27	00	Sulfadiazine, sulfaguandine, sulfapyridine, and salicylazo- sulfapyridine (Sulfasalazine).....	Lb.....	11.6% ad val.	Free (E,I)	7¢ per lb. + 128.5% ad val.
		Other:				
		Alkaloids and their salts and other derivatives:				
411.30	00	Pseudoephedrine and its salts.....	Lb.....	7.6% ad val.	Free (E,I)	7¢ per lb. + 59% ad val.
411.31	00	Ephedrine, racephedrine, and their salts.....	Lb.....	3.7% ad val.	Free (E,I)	7¢ per lb. + 59% ad val.
411.41	00	Papaverine and its salts.....	Lb.....	11.6% ad val.	Free (E,I)	7¢ per lb. + 104% ad val.
		Other:				
411.44	00	Arecoline, hydrobro- mide; Deserpidine; Ergonovine maleate; Ethaverine hydro- chloride; Lobeline sulfate; Meperidine hydrochloride; Nicotinyl alcohol tartrate; and Quinacrine hydro- chloride.....	Lb.....	7% ad val.	Free (E,I)	7¢ per lb. + 50% ad val.
411.49	00	Other.....	Lb.....	9.8% ad val.	Free (E,I)	7¢ per lb. + 88% ad val.

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 1. - Benzenoid Chemicals and Products

Item	Stat. Suf-fix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		Products suitable for medicinal use, and drugs (con.): Obtained, derived, or manufactured in whole or in part from any product provided for in sub-part A or B of this part (con.): Drugs (con.): Other (con.): Antihistamines, including those chiefly used as antinauseants: Clemastine hydrogen fumarate; Diphenhydramine; Etymenabine chlorhydrate; Promethazine hydrochloride; and Triprolidine hydrochloride....	Lb.....	6.6% ad val.	Free (E,I)	7¢ per lb. + 45% ad val.
411.52	00					
411.53	00	Meclizine hydrochloride.....	Lb.....	9.2% ad val.	Free (A,E,I)	7¢ per lb. + 82% ad val.
411.57	00	Other.....	Lb.....	9.2% ad val.	Free (E,I)	7¢ per lb. + 82% ad val.
		Anti-infective agents: Antibiotics: Ampicillin and its salts.....	Lb.....	6.9% ad val.	Free (E,I)	7¢ per lb. + 48.5% ad val.
411.60	00					
411.64	00	Penicillin G salts.....	Lb.....	6.9% ad val.	Free (A,E,I)	7¢ per lb. + 49% ad val.
		Penicillin, not specially provided for: Carfencillin, sodium; Cloxacillin, sodium; Dicloxacillin, sodium; Flucloxacillin, (Floxacillin); and Oxacillin, sodium.....	Lb.....	5.8% ad val.	Free (E,I)	7¢ per lb. + 45% ad val.
411.68	00					
		Other: Products provided for in the Chemical Appendix to the Tariff Schedules.....	Lb.....	7.4% ad val.	Free (E) 3% ad val.(I)	7¢ per lb. + 56.5% ad val.
411.72	00					
411.74	00	Other.....	Lb.....	7.4% ad val.	Free (E,I)	7¢ per lb. + 56.5% ad val.
411.76	00	Other.....	Lb.....	6.6% ad val. ③	Free (E,I)	7¢ per lb. + 45% ad val.

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 1. - Benzenoid Chemicals and Products

4 - 1 - C
411.80 - 411.91

Item	Stat. Suf-fix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		Products suitable for medicinal use, and drugs (con.): Obtained, derived, or manufactured in whole or in part from any product provided for in sub-part A or B of this part (con.): Drugs (con.): Other (con.): Anti-infective agents (con.): Anti-infective sulfonamides:				
411.80	00	Sulfathiazole and sulfathiazole, sodium.....	Lb.....	15% ad val.	Free (A,E) 6% ad val.(I)	7¢ per lb. + 133% ad val.
411.82	00	Acetylsulfisoxazole; Sulfamerazine, sodium; Sulfamethazine, sodium; Sulfamethoxazole; Sulfisoxazole; Sulfacetamide, sodium; Sulfanilamide; and Sulfaquinoxaline.....	Lb.....	10.8% ad val.	Free (A,E) 4.3% ad val.(I)	7¢ per lb. + 96% ad val.
411.87	00	Other: Products provided for in the Chemical Appendix to the Tariff Schedule.....	Lb.....	10.8% ad val.	Free (E) 4.3% ad val.(I)	7¢ per lb. + 96% ad val.
411.88	00	Other.....	Lb.....	10.8% ad val.	Free (E,I)	7¢ per lb. + 96% ad val.
411.90	00	Anti-infective agents, not specially provided for: Acriflavine; Acriflavine hydrochloride; Bismuth tribromophenate; Sunsamide hydrochloride; Carbadox; Clopidol; Crotamiton; Decoquinat; Diodohydroxyquin; Ethionamide; Nicarbazin; Niclosamide; Oxyquinoline sulfate; Pentamidine; Phenylmercuric nitrate; Pyrazinamide; Stibophen; Thimerosal; Thymol iodide; Tolnaftate; and Trimethoprim.....	Lb.....	6.7% ad val.	Free (E,I)	7¢ per lb. + 46% ad val.
411.91	00	Mandelic acid.....	Lb.....	8.1% ad val.	Free (A,E) 3.2% ad val.(I)	7¢ per lb. + 67.5% ad val.

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 1. - Benzenoid Chemicals and Products

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		Products suitable for medicinal use, and drugs (con.): Obtained, derived, or manufactured in whole or in part from any product provided for in subpart A or B of this part (con.): Drugs (con.): Other (con.): Anti-infective agents (con.): Anti-infective agents, not specially provided for (con.): Other.....	Lb.....	8.1% ad val.	Free (E,I)	7¢ per lb. + 67.5% ad val.
411.95	00					
		Autonomic drugs, except alkaloids and their derivatives: Cromolyn, sodium; Furosemide; Clipizide; Isoetharine hydrochloride; Isoxsuprine hydrochloride; Nylidrin hydrochloride; Procyclidine; Propranolol hydrochloride; Salbutamol (Albuterol); and Terbutaline sulfate.....	Lb.....	6.7% ad val.	Free (E,I)	7¢ per lb. + 47% ad val.
411.98	00					
		Other.....	Lb.....	8.2% ad val.	Free (E,I)	7¢ per lb. + 71.5% ad val.
412.03	00					
		Cardiovascular drugs, except alkaloids and their derivatives: Clofibrate; Hydralazine hydrochloride; Sulfinpyrazone; and Warfarin, sodium.....	Lb.....	5.8% ad val.	Free (E,I)	7¢ per lb. + 47.5% ad val.
412.06	00					
		Other.....	Lb.....	8% ad val. ③	Free (E,I)	7¢ per lb. + 65% ad val.
412.11	00					
		Dermatological agents and local anesthetics.....	Lb.....	7.2% ad val.	Free (E,I)	7¢ per lb. + 51.5% ad val.
412.14	00					

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 1. - Benzenoid Chemicals and Products

4 - 1 - C
412.18 - 412.40

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		Products suitable for medicinal use, and drugs (con.): Obtained, derived, or manufactured in whole or in part from any product provided for in subpart A or B of this part (con.): Drugs (con.): Other (con.): Drugs primarily affecting the central nervous system, except alkaloids and their derivatives: Analgeaics, antipyretics, and nonhormonal anti-inflammatory agents: Propoxyphene hydrochloride.....	Lb.....	13.4% ad val.	Free (E,I)	7¢ per lb. + 119.5% ad val.
412.18	00					
		Other.....	Lb.....	6.8% ad val.	Free (A*,E,I)	7¢ per lb. + 47.5% ad val.
412.22						
	10	Acetaminophen.....	Lb.			
	20	Ibuprofen.....	Lb.			
	50	Other.....	Lb.			
412.26	00	Anticonvulsants, hypnotics, and sedatives.....	Lb.....	6.9% ad val.	Free (E,I)	7¢ per lb. + 48.5% ad val.
		Antidepressants, tranquilizers, and other psychotherapeutic agents: Amitriptyline; Butaperazine maleate; Chlorpromazine; Clozapine; Droperidol; Fluphenazine decanoate; Fluphenazine enanthate; Imipramine hydrochloride; Mesoridazine besylate; Piperacetazine; Prochlorperazine maleate; Promazine hydrochloride; and Trifluoperazine hydrochloride.....	Lb.....	6.6% ad val.	Free (E,I)	7¢ per lb. + 45.5% ad val.
412.30	00					
		Amitriptyline hydrochloride.....	Lb.....	16.6% ad val. ②	Free (A,E,I)	7¢ per lb. + 149.5% ad val.
412.31	00					
		Other: Products provided for in the Chemical Appendix to the Tariff Schedules.....	Lb.....	16.6% ad val. ②	Free (E,I)	7¢ per lb. + 149.5% ad val.
412.35	00					
		Other.....	Lb.....	16.6% ad val.	Free (E,I)	7¢ per lb. + 149.5% ad val.
412.36	00					
		Other.....	Lb.....	7.6% ad val.	Free (E,I)	7¢ per lb. + 58.5% ad val.
412.39	00					

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SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 1. - Benzenoid Chemicals and Products

Item	Stat. Suf-fix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		Products suitable for medicinal use, and drugs (con.): Obtained, derived, or manufactured in whole or in part from any product provided for in sub-part A or B of this part (con.): Drugs (con.): Other (con.): Hormones, synthetic substitutes, and antagonists:				
412.42	00	Desonide; Dienestrol; Epinephrine; Epinephrine hydrochloride; Estradiol benzoate; Estradiol cyclopentylpropionate (Estradiol cypionate); Nandrolone phenpropionate; Tamoxifen citrate; and L-Thyroxine (Levothyroxine), sodium.....	Lb.....	6.9% ad val.	Free (E,I)	7¢ per lb. + 49% ad val.
412.49	00 ②	Other.....	Lb.....	8.7% ad val.	Free (E,I)	7¢ per lb. + 78.5% ad val.
		Vitamins, provitamins, and their analogs and derivatives used primarily for their vitamin activity:				
412.52	00	Vitamin B ₂ (Riboflavin and its salts and esters).....	Lb.....	7.8% ad val.	Free (E) 3.1% ad val.(I)	7¢ per lb. + 62% ad val.
412.56	00	Vitamin B ₁₂ (Cyanocobalamin and related compounds with vitamin B ₁₂ activity).....	Lb.....	16.2% ad val.	Free (E) 6.5% ad val.(I)	7¢ per lb. + 145.5% ad val.
412.60	00	Vitamin E (DL-α-Tocopherol and its esters).....	Lb.....	7.9% ad val.	Free (E,I)	7¢ per lb. + 63.5% ad val.
412.65	②	Other.....	.....	6.9% ad val.	Free (E,I)	7¢ per lb. + 49% ad val.
	10	Folic acid.....	Lb.			
	20	Other.....	Lb.			
412.67	00	Chlorothiazide; Chlorpropamide; Hydrochlorothiazide; and Tolbutamide.....	Lb.....	6.9% ad val.	Free (A,E,I)	7¢ per lb. + 45% ad val.
412.71	00 ②	Other.....	Lb.....	6.9% ad val.	Free (E,I)	7¢ per lb. + 45% ad val.

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 412.72 - 413.30

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
 Part 1. - Benzenoid Chemicals and Products

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
412.72	00	Products suitable for medicinal use, and drugs (con.): Drugs, from whatever source obtained, produced or manufactured: Guaiacol and its derivatives.....	Lb.....	9.1% ad val.	Free (A,E) 3.6% ad val.(I)	7¢ per lb. + 79% ad val.
412.76	00	Aromatic or odoriferous compounds including flavors, not marketable as cosmetics, perfumery, or toilet preparations, and not mixed, and not containing alcohol: Obtained, derived, or manufactured in whole or in part from any product provided for in subpart A or B of this part: p-Anisaldehyde.....	Lb.....	8% ad val.	Free (A,E,I)	7¢ per lb. + 36% ad val.
412.80	00	Benzyl acetate.....	Lb.....	27% ad val. ②	23.5% ad val. (D) Free (A*,E) ① 9.4% ad val.(I)	7¢ per lb. + 104.5% ad val.
412.84	00	Benzyl benzoate.....	Lb.....	21.7% ad val. ②	18.9% ad val. (D) Free (A,E) 7.6% ad val. (I)	7¢ per lb. + 84% ad val.
412.88	00	Diphenyl oxide.....	Lb.....	11.8% ad val.	Free (A,E) 4.7% ad val.(I)	7¢ per lb. + 42.5% ad val.
412.92	00	Ethyl vanillin.....	Lb.....	16.3% ad val.	Free (A,E) 6.5% ad val.(I)	7¢ per lb. + 80% ad val.
412.96	00	Heliotropin.....	Lb.....	7% ad val.	Free (A,E,I)	7¢ per lb. + 56.5% ad val.
413.00	00	Methyl anthranilate.....	Lb.....	6.6% ad val.	Free (A,E,I)	7¢ per lb. + 22.5% ad val.
413.04	00	α-Methylbenzyl alcohol.....	Lb.....	12.2% ad val.	Free (A,E) 4.9% ad val.(I)	7¢ per lb. + 51% ad val.
413.08	00	Musk, artificial.....	Lb.....	6.5% ad val.	Free (A,E,I)	7¢ per lb. + 104.5% ad val.
413.12	00	α-Pentylcinnamaldehyde.....	Lb.....	9.4% ad val.	Free (A,E) 3.8% ad val.(I)	7¢ per lb. + 45% ad val.
413.16	00	Phenylacetaldehyde.....	Lb.....	8.4% ad val.	Free (A,E) 3.4% ad val.(I)	7¢ per lb. + 40.5% ad val.
413.20	00	Phenethyl alcohol.....	Lb.....	16.3% ad val.	Free (A,E) 6.5% ad val.(I)	7¢ per lb. + 77% ad val.
413.24	00	Saccharin.....	Lb.....	6.9% ad val.	Free (A*,E,I)	7¢ per lb. + 61% ad val.
413.28	00	Other: Products provided for in the Chemical Appendix to the Tariff Schedules.....	Lb.....	11.9% ad val.	Free (A,E,I)	7¢ per lb. + 58% ad val.
413.30	00	Other.....	Lb.....	11.9% ad val.	Free (A,E) 4.8% ad val.(I)	7¢ per lb. + 58% ad val.

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 1. - Benzenoid Chemicals and Products

Item	Stat. Suf-fix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		Aromatic or odoriferous compounds including flavors, not marketable as cosmetics, perfumery, or toilet preparations, and not mixed, and not containing alcohol (con.): From whatever source obtained, derived, or manufactured:				
413.32	00	Coumarin.....	Lb.....	20% ad val.	Free (A,E) 8% ad val.(I)	7¢ per lb. + 48% ad val.
413.36	00	Methyl salicylate.....	Lb.....	15.7% ad val.	Free (A,E) 6.3% ad val.(I)	7¢ per lb. + 68.5% ad val.
413.40	00	Vanillin.....	Lb.....	8.5% ad val.	Free (A,E,I)	7¢ per lb. + 48% ad val.
		Mixtures in whole or in part of any of the products provided for in this subpart:				
413.50	00	Paints and enamel paints and stains.....	Lb.....	10% ad val.	Free (A,E) 4% ad val.(I)	7¢ per lb. + 46% ad val.
		Other:				
413.52	00	Containing ethyl alcohol.....	Lb.....v Gal.	10% ad val., but not less than the highest rate applicable to any component material	Free (E) 4% ad val., but not less than the highest rate applicable to any component material(I)	7¢ per lb. + 46% ad val., but not less than the highest rate applicable to any component material
413.54	00	Other.....	Lb.....	10% ad val., but not less than the highest rate applicable to any component material	Free (A,E) 4% ad val., but not less than the highest rate applicable to any component material(I)	7¢ per lb. + 46% ad val., but not less than the highest rate applicable to any component material

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TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
 Part 2. - Chemical Elements, Inorganic and Organic Compounds, and Mixtures

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		<p>PART 2. - CHEMICAL ELEMENTS, INORGANIC AND ORGANIC COMPOUNDS, AND MIXTURES</p> <p><u>Part 2 headnotes:</u></p> <p>1. This part covers chemicals, except those provided for elsewhere in this schedule and those specially provided for in any of the other schedules.</p> <p>2. For the purpose of this part, <u>inorganic compounds</u> (including salts) are compounds not containing carbon, except carbides and such carbon-containing compounds as inorganic cyanides and cyanates, metallic carbonates, and oxides of carbon which are inorganic in nature.</p> <p>3. For the purpose of this part, <u>organic compounds</u> are compounds containing carbon except such carbon-containing compounds as carbides, inorganic cyanides and cyanates, metallic carbonate, and oxides of carbon.</p> <hr/> <p>Subpart A. - Chemical Elements</p> <p><u>Subpart A statistical headnote:</u></p> <p>1. For the purposes of this subpart, the term "<u>cubic foot</u>" means a standard cubic foot measured at 70°F. at 1 atmosphere.</p> <hr/>				

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 2. - Chemical Elements, Inorganic and Organic Compounds, and Mixtures

4 - 2 - A, B
415.05 - 416.45

Item	Stat. Suf-fix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
Chemical elements in any physical form:						
415.05	00	Bromine.....	Lb.....	2¢ per lb.	Free (E,I)	10¢ per lb.
415.10	00	Cesium, potassium, and sodium.....	Lb.....	5.3% ad val.	Free (E,I)	25% ad val.
415.15	00	Carbon.....	Lb.....	Free		20% ad val.
415.20	00	Chlorine.....	Lb.....	Free		25% ad val.
Iodine:						
415.25	00	Crude.....	Lb.....	Free		Free
415.27	00	Resublimed.....	Lb.....	6¢ per lb.	Free (A,E,I)	10¢ per lb.
415.30	00	Lithium.....	Lb.....	6.6% ad val.	Free (E,I)	25% ad val.
415.35	00	Phosphorus.....	Lb.....	Free		8¢ per lb.
415.40	00	Rubidium.....	Lb.....	3.7% ad val.	Free (E,I)	25% ad val.
415.45	00	Sulfur.....	Ton.....	Free		Free
415.50	00	Other.....	M.cu.ft.	3.7% ad val.	Free (A,E,I)	25% ad val.
Subpart B. - Inorganic Acids						
Subpart B headnote:						
1. This subpart covers monobasic, dibasic, and polybasic inorganic acids. Salts and anhydrides of these acids are provided for in subpart C of this part.						
Inorganic acids:						
416.05	00	Arsenic.....	Lb.....	1.4¢ per lb.	Free (A,E,I)	3¢ per lb.
416.10	00	Boric.....	Lb.....	1.5% ad val.	Free (A,E,I)	8.5% ad val.
416.15	00	Hydrochloric.....	Lb.....	Free		Free
416.20	00	Hydrofluoric.....	Lb.....	Free		Free
416.25	00	Nitric.....	Lb.....	Free		Free
416.30	00	Phosphoric.....	Lb.....	Free		10% ad val.
416.35	00	Sulfuric.....	Lb.....	Free		Free
416.40	00	Tungstic.....	Lb.....v	10.5% ad val.	Free (E)	55% ad val.
		tungsten content..	Lb.		4.2% ad val.(I)	
416.45		Other.....	.....	4.2% ad val.	Free (A*,E) ③	25% ad val.
	20	Sulfamic acid.....	Lb.		1.7% ad val.(I)	
	40	Other.....	Lb.			

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
 Part 2. - Chemical Elements, Inorganic and Organic Compounds, and Mixtures

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4 - 2 - C
 417.10 - 417.45

Item	Stat. Suf-fix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
Subpart C. - Inorganic Chemical Compounds						
<u>Subpart C headnote:</u>						
1. This subpart does not include any organic compounds. For the purposes of this subpart, inorganic compounds containing only one kind of cation are classifiable according to the cation constituent as indicated in the alphabetical listing set forth in this subpart; and inorganic compounds containing two or more different kinds of cations are classifiable according to the cation constituent thereof first named in the alphabetical listing in this subpart. Inorganic compounds, having no cations or none of the cation constituents of which are named in this subpart, are covered by the provision for other inorganic compounds (item 423.00).						
Aluminum compounds:						
417.10	00	Ammonium sulfite (ammonia alum).....	Lb.....	1.6% ad val.	Free (A,E,I)	9.5% ad val.
417.12		Hydroxide and oxide (alumina).....	.....	Free		0.5¢ per lb.
	20	Aluminum hydroxide.....	Lb.			
	40	Aluminum oxide (alumina).....	Lb.			
417.14	00	Potassium sulfate (potash alum).....	Lb.....	0.3¢ per lb.	Free (A,E,I)	0.75¢ per lb.
417.16	00	Sulfate.....	Lb.....	Free		10% ad val.
417.18	00	Other.....	Lb.....	Free		25% ad val.
Ammonium compounds:						
417.20	00	Ammonia, aqua.....	Lb.....	3.1% ad val.	Free (A,E,I)	25% ad val.
417.22	00	Ammonia, liquid anhydrous.....	Lb.....	2.8% ad val.	Free (A,E,I)	28% ad val.
417.23	00	Bromide.....	Lb.....	3.1% ad val.	Free (A*,E,I)	25% ad val.
417.24	00	Carbonate and bicarbonate.....	Lb.....	1.7% ad val.	Free (A,E,I)	16% ad val.
417.26	00	Chloride.....	Lb.....	2.9% ad val.	Free (A,E,I)	18% ad val.
417.28	00	Molybdate.....	Lb.....v	4.3% ad val.	Free (A,E,I)	29% ad val.
		molybdenum content..	Lb.			
417.30	00	Nitrate.....	Lb.....	Free		15% ad val.
417.32	00	Perchlorate.....	Lb.....	0.2% ad val.	Free (A,E,I)	4% ad val.
417.34	00	Phosphate.....	Lb.....	1.5% ad val.	Free (A,E,I)	8.5% ad val.
417.36	00	Silicofluoride.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
417.38	00	Sulfate.....	Lb.....	3.1% ad val.	Free (A,E,I)	25% ad val.
417.40	00	Tungstate.....	Lb.....v	10% ad val.	Free (E)	49.5% ad val.
		tungsten content..	Lb.		4% ad val.(I)	
417.42	00	Vanadate.....	Lb.....	11.2% ad val.	Free (A,E)	40% ad val.
					4.5% ad val.(I)	
417.45		Other.....	.....	3.1% ad val.	Free (A,E,I)	25% ad val.
	20	Ammonium perchlenate.....	Lb.			
	40	Other.....	Lb.			

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

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SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS

Part 2. - Chemical Elements, Inorganic and Organic Compounds, and Mixtures

4 - 2 - C
417.50 - 418.52

Item	Stat. Suf-fix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
Antimony compounds:						
417.50	00	Oxide.....	Lb.....	Free		2¢ per lb.
417.52	00	Sulfide.....	Lb.....	4.2% ad val.	Free (A,E,I)	29% ad val.
417.54	00	Other.....	Lb.....	5.8% ad val.	Free (A,E,I)	25.5% ad val.
Arsenic compounds:						
417.60	00	Sulfide.....	Lb.....	Free		Free
417.62	00	Trioxide (arsenious acid).....	Lb.....	Free		Free
417.64	00	Other.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
Barium compounds:						
417.70	00	Chloride.....	Lb.....	4.2% ad val.	Free (A,E,I)	28.5% ad val.
417.72	00	Dioxide.....	Lb.....	2.5% ad val.	Free (A,E,I)	7.5% ad val.
417.74	00	Hydroxide.....	Lb.....	2% ad val.	Free (A,E,I)	10.5% ad val.
417.76	00	Nitrate.....	Lb.....	2% ad val.	Free (A,E,I)	19% ad val.
417.78	00	Oxide.....	Lb.....	2% ad val.	Free (A,E,I)	6% ad val.
417.80	00	Other.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
Beryllium compounds:						
417.90	00	Oxide or carbonate.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
417.92	00	Other.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
418.00	00	Bismuth compounds.....	Lb.....	7% ad val.	Free (A,E,I)	35% ad val.
Calcium compounds:						
418.10	00	Araenate.....	Lb.....	Free		Free
418.12	00	Borate, crude.....	Lb.....	Free		Free
418.13	00	Bromide.....	Lb.....	Free		25% ad val.
418.14	00	Carbide.....	Lb.....	1.8% ad val.	Free (A,E,I)	10% ad val.
Chloride:						
418.16	00	Crude.....	Lb.....	Free		Free
418.18	00	Other.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
418.20	00	Cyanide.....	Lb.....	Free		Free
418.22	00	Hypochlorite.....	Lb.....	2.4% ad val.	Free (A,E,I)	25% ad val.
418.24	00	Lime, chlorinated, containing not more than 40% of available chlorine (bleaching powder).....	Lb.....	1.3% ad val.	Free (A,E,I)	2% ad val.
418.26	00	Molybdate.....	Lb.....v	4.7% ad val.	Free (A,E,I)	24.5% ad val.
molybdenum content....						
418.28	00	Phosphate, dicalcium.....	Lb.....	Free		25% ad val.
418.30	00	Tungstate.....	Lb.....v	10% ad val.	Free (E)	43.5% ad val.
tungsten content....						
418.35	00	Other.....	Lb.....	Free	4% ad val.(I)	25% ad val.
Cerium compounds:						
418.40	00	Chloride.....	Lb.....	7.2% ad val.	Free (A,E)	35% ad val.
2.9% ad val.(I)						
418.42	00	Oxide.....	Lb.....	7.2% ad val.	Free (A,E)	35% ad val.
2.9% ad val.(I)						
418.44	00	Other.....	Lb.....	7.2% ad val.	Free (A,E)	35% ad val.
2.9% ad val.(I)						
Cesium compounds:						
418.50	00	Chloride.....	Lb.....	4% ad val.	Free (A,E,I)	25% ad val.
418.52	00	Other.....	Lb.....	4% ad val.	Free (A,E,I)	25% ad val.

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 2. - Chemical Elements, Inorganic and Organic Compounds, and Mixtures

Item	Stat. Suf-fix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		Cobalt compounds:				
418.60	00	Oxide.....	Lb.....	1.2¢ per lb.	Free (A,E,I)	20¢ per lb.
418.62	00	Sulfate.....	Lb.....	1.4% ad val.	Free (A,E,I)	6.5% ad val.
418.68	00	Other.....	Lb.....	4.2% ad val.	Free (A,E,I)	30% ad val.
		Copper compounds:				
418.69	00	Cyanide.....	Lb.....	Free		Free
		Iodide:				
418.70	00	Crude.....	Lb.....	Free		Free
418.72	00	Other.....	Lb.....	4.1% ad val.	Free (A,E,I)	29% ad val.
418.74	00	Oxide (cupric).....	Lb.....	4.3% ad val.	Free (A,E,I)	31% ad val.
418.76	00	Sulfate.....v	Lb.....	1.4% ad val.	Free (A,E,I)	5% ad val.
		copper content..	Lb.			
418.78	00	Other.....	Lb.....	3.9% ad val.	Free (A,E,I)	32.5% ad val.
418.80	00	Gold compounds.....	Lb.....	5% ad val.	Free (A,E,I)	25% ad val.
		Iron compounds:				
418.90	00	Sulfide (pyrites).....	Ton.....	Free		Free
418.92	00	Sulfate (ferroua) (copperas).....	Lb.....	Free		Free
418.94	00	Other.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
		Lead compounds:				
419.00	00	Arsenate.....	Lb.....	3.7% ad val.	Free (A,E,I)	6% ad val.
419.02	00	Nitrate.....	Lb.....	1.9% ad val.	Free (A,E,I)	10% ad val.
419.04	00	Other.....	Lb.....	4.8% ad val.	Free (A,E,I)	30% ad val.
419.10	00	Lithium compounds.....	Lb.....	3.7% ad val.	Free (A ,E,I) ②	25% ad val.
		Magnesium compounds:				
		Carbonate:				
419.20	00	Not precipitated.....	Lb.....	3.1% ad val.	Free (A,E,I)	25% ad val.
419.22	00	Precipitated.....	Lb.....	0.2¢ per lb.	Free (A,E,I)	1.5¢ per lb.
		Chloride:				
419.24	00	Anhydrous.....	Lb.....	Free		3% ad val.
419.28	00	Other.....	Lb.....	1.5% ad val.	Free (A,E,I)	5% ad val.
419.32	00	Oxide (calcined magneaia).....	Lb.....	Free		7¢ per lb.
		Sulfate:				
419.34	00	Epsom salts.....	Lb.....	3.7% ad val.	Free (A,E,I)	20% ad val.
419.36	00	Kieserite (except calcined).....	Lb.....	Free		Free
419.38	00	Other.....	Lb.....	3.1% ad val.	Free (A,E,I)	25% ad val.
		Manganese compounds:				
419.40	00	Borate.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
419.42	00	Sulfate.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
419.44	00	Other.....	Lb.....	4.7% ad val.	Free (A,E,I)	25% ad val.
	20	Manganese dioxide.....	Lb.			
	40	Other.....	Lb.			

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS

Part 2. - Chemical Elements, Inorganic and Organic Compounds, and Mixtures

4 - 2 - C
419.50 - 420.34

Item	Stat. Suf-fix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		Mercury compounds:				
		Chloride:				
419.50	00	Mercuric (corrosive sublimate).....	Lb.....	6¢ per lb. + 4% ad val.	Free (A,E,I)	22¢ per lb. + 25% ad val.
419.52	00	Mercurous (calomel).....	Lb.....	6¢ per lb. + 4% ad val.	Free (A,E,I)	22¢ per lb. + 25% ad val.
419.53	00	Cyanide.....	Lb.....	Free	Free (A,E,I)	Free
419.54	00	Other.....	Lb.....	6¢ per lb. + 4% ad val.	Free (A,E,I)	22¢ per lb. + 25% ad val.
419.60	00	Molybdenum compounds.....	Lb.....v	3.2% ad val.	Free (A,E,I)	20.5% ad val.
		molybdenum content..	Lb.			
		Nickel compounds:				
419.70	00	Chloride.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
419.72	00	Oxide.....	Lb.....	Free	Free (A,E,I)	Free
419.74	00	Sulfate.....	Lb.....	3.2% ad val.	Free (A,E,I)	25% ad val.
419.76	00	Other.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
		Phosphorus compounds:				
419.80	00	Oxychloride.....	Lb.....	3.3% ad val.	Free (A,E,I)	18% ad val.
419.82	00	Trichloride.....	Lb.....	6.6% ad val.	Free (A,E,I)	25.5% ad val.
419.84	00	Other.....	Lb.....	Free	Free (A,E,I)	25% ad val.
419.90	00	Platinum compounds.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
		Potassium compounds:				
420.00	00	Bicarbonate.....	Lb.....	0.4¢ per lb.	Free (A,E,I)	1.5¢ per lb.
420.02	00	Bromide.....	Lb.....	1.5¢ per lb.	Free (A,E,I)	10¢ per lb.
420.04	00	Carbonate.....	Lb.....	1.9% ad val.	Free (A,E,I)	6% ad val.
420.06	00	Chlorate.....	Lb.....	3.3% ad val. ⑤	Free (A,E,I)	9% ad val.
420.08	00	Chromate and dichromate.....	Lb.....	1.5% ad val.	Free (A,E,I)	3.5% ad val.
420.12	00	Cyanide.....	Lb.....	Free	Free (A,E,I)	Free
420.14	00	Ferricyanide.....	Lb.....	1.5¢ per lb.	Free (A,E,I)	7¢ per lb.
420.16	00	Ferrocyanide.....	Lb.....	0.7¢ per lb.	Free (A,E,I)	4¢ per lb.
420.18	00	Hydroxide (caustic potash).....	Lb.....	Free	Free (A,E,I)	1¢ per lb.
420.20	00	Iodide.....	Lb.....	2.8% ad val.	Free (A,E,I)	7.5% ad val.
420.22	00	Molybdate.....	Lb.....v	3% ad val.	Free (A,E,I)	23% ad val.
		molybdenum content..	Lb.			
420.24	00	Nitrate.....	Lb.....	2.4% ad val.	Free (A,E,I)	7% ad val.
420.26	00	Perchlorate.....	Lb.....	Free	Free (A,E,I)	3% ad val.
420.28	00	Permanganate.....	Lb.....	5% ad val.	Free (A,E,I)	23% ad val.
420.30	00	Peraulfate.....	Lb.....	3.1% ad val.	Free (A,E,I)	25% ad val.
420.32	00	Tungstate.....	Lb.....v	10% ad val.	Free (E)	50.5% ad val.
		tungsten content....	Lb.			
420.34	00	Vanadate.....	Lb.....	11.2% ad val.	4% ad val.(I) Free (A,E) 4.5% ad val.(I)	40% ad val.

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 2. - Chemical Elements, Inorganic and Organic Compounds, and Mixtures

Item	Stat. Suf-fix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
420.36		Potassium compounds (con.):				
	05	Other.....	Lb.....	3.1% ad val.	Free (A,E,I)	25% ad val.
	10	Potassium bromate.....	Lb.			
	30	Potassium fluosilicate.....	Lb.			
	40	Potassium metabisulfite.....	Lb.			
	50	Potassium phosphates.....	Lb.			
	65	Potassium stannate.....	Lb.			
		Other.....	Lb.			
420.40	00	Rhodium compounds.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
		Selenium compounds:				
420.50	00	Dioxide.....	Lb.....	Free		Free
420.52	00	Salts.....	Lb.....	Free		Free
420.54	00	Other.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
420.60	00	Silver compounds.....	Lb.....	3.7% ad val.	Free (A*,E,I) ①	25% ad val.
		Sodium compounds:				
420.68	00	Aluminate.....	Lb.....	3.1% ad val.	Free (A,E,I)	25% ad val.
420.70	00	Arsenate.....	Lb.....	0.3¢ per lb.	Free (A,E,I)	1¢ per lb.
420.72	00	Bicarbonate.....	Lb.....	Free		Free
420.74	00	Bisulfate (niter cake).....	Lb.....	Free		Free
		Borate:				
420.76	00	Crude.....	Lb.....	Free		Free
420.78	00	Other.....	Lb.....	0.03¢ per lb.	Free (A,E,I)	0.125¢ per lb.
420.82	00	Bromide.....	Lb.....	3¢ per lb.	Free (A,E) ②	10¢ per lb.
		Carbonate:				
420.84	00	Calcined (soda ash).....	Lb.....	1.2% ad val.	Free (A,E,I)	8.5% ad val.
420.86	00	Hydrated and sesquicarbonate.....	Lb.....	0.1¢ per lb.	Free (A,E,I)	0.25¢ per lb.
420.88	00	Chlorate.....	Lb.....	Free		13% ad val.
		Chloride (salt):				
420.92	00	In brine.....	.....	3.7% ad val.	Free (E,I)	20% ad val.
		anhydrous salt content..	Cwt.			
420.94	00	In bulk.....	Cwt.	Free		26% ad val.
420.96	00	Other.....	Cwt.	Free		11¢ per 100 lb.
420.98	00	Chromate and dichromate.....	Lb.....	2.4% ad val.	Free (A,E,I)	8.5% ad val.
421.02	00	Cyanide.....	Lb.....	Free		Free
421.04	00	Ferrocyanide.....	Lb.....	1.7% ad val.	Free (A,E,I)	8.5% ad val.
421.06	00	Hydroulfite.....	Lb.....	17.5% ad val.	Free (A*,E) ③	35% ad val.
					5.6% ad val.(I)	
421.08	00	Hydroxide.....	Lb.....	Free		0.50¢ per lb.
421.10	00	Molybdate.....	Lb.....	3.7% ad val.	Free (A,E,I)	25.5% ad val.
		molybdenum content..	Lb.			
421.14	00	Nitrite.....	Lb.....	8.6% ad val.	Free (A,E)	54% ad val.
					3.4% ad val.(I)	
		Phosphate, except pyrophosphates:				
421.16	00	Containing by weight not over 45% of water				
		of crystallization.....	Lb.....	1.4% ad val.	Free (A,E,I)	6% ad val.
421.18	00	Containing by weight over 45% of water				
		of crystallization.....	Lb.....	2.5% ad val.	Free (A,E,I)	11.5% ad val.
421.22	00	Pyrophosphates.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
421.34	00	Silicates.....	Lb.....	1.1% ad val.	Free (A,E,I)	3% ad val.
421.36	00	Silicofluoride.....	Lb.....	4.1% ad val.	Free (A,E,I)	62.5% ad val.

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SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS

Part 2. - Chemical Elements, Inorganic and Organic Compounds, and Mixtures

4 - 2 - C
421.42 - 422.14

Item	Stat. Suf-fix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		Sodium compounds (con.):				
		Sulfate:				
421.42	00	Crude (salt cake).....	S. ton..	Free		Free
421.44	00	Anhydrous.....	Ton.....	33¢ per ton	Free (A,E,I)	\$3 per ton
421.46	00	Crytallized (Glauber's salt).....	Ton.....	2.5% ad val.	Free (A,E,I)	4% ad val.
421.52	00	Sulfide.....	Lb.....	2.9% ad val.	Free (A,E,I)	7.5% ad val.
421.54	00	Sulfite, bialfite, metabisulfite, and thiosulfate.....	Lb.....	1.5% ad val.	Free (A,E,I)	4.5% ad val.
421.56	00	Tungstate.....	Lb.....v	10% ad val.	Free (E)	46.5% ad val.
		tungsten content..	Lb.		4% ad val.(I)	
421.58	00	Uranate.....	Lb.....	Free		Free
421.60	00	Vanadate.....	Lb.....	11.2% ad val.	Free (A,E)	40% ad val.
421.62		Other.....		3.7% ad val.	4.5% ad val.(I)	25% ad val.
	05	Sodium cyanate.....	Lb.		Free (A,E,I)	
	10	Sodium hydrosulfide.....	Lb.			
	20	Sodium perborate.....	Lb.			
	30	Sodium persulfate.....	Lb.			
	50	Sodium selenite.....	Lb.			
	80	Other.....	Lb.			
		Strontium compounds:				
		Carbonate:				
421.70	00	Not precipitated, including strontianite.....	Lb.....	Free		Free
421.72	00	Precipitated.....	Lb.....	4.2% ad val.	Free (A,E,I)	25% ad val.
421.74	00	Nitrate.....	Lb.....	4.2% ad val.	Free (A,E,I)	25% ad val.
421.76	00	Oxide.....	Lb.....	4.2% ad val.	Free (A,E,I)	25% ad val.
		Sulfate:				
421.82	00	Minerals (celestite).....	Lb.....	Free		Free
421.84	00	Other.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
421.86	00	Other.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
421.90	00	Tellurium compounds.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
422.00	00	Thallium compounds.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
		Thorium compounds:				
422.10	00	Nitrate.....	Lb.....	7.8% ad val.	Free (A,E)	35% ad val.
					3.1% ad val.(I)	
422.12	00	Oxide.....	Lb.....	7.8% ad val.	Free (A,E)	35% ad val.
					3.1% ad val.(I)	
422.14	00	Other.....	Lb.....	7.8% ad val.	Free (A,E)	35% ad val.
					3.1% ad val.(I)	

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 2. - Chemical Elements, Inorganic and Organic Compounds, and Mixtures

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
422.20	00	Tin compounds:	Lb.....	4.2% ad val.	Free (A,E,I)	25% ad val.
422.24	00	Dichloride.....	Lb.....	4.2% ad val.	Free (A,E,I)	25% ad val.
422.26	00	Tetrachloride.....	Lb.....	4.2% ad val.	Free (A,E,I)	25% ad val.
422.30	00	Other.....	Lb.....	4.2% ad val.	Free (A,E,I)	25% ad val.
		Titanium compounds.....	Lb.....	4.9% ad val.	Free (A,E,I)	30% ad val.
		Tungsten compounds:	Lb.....v	10.5% ad val.	Free (E)	55.5% ad val.
422.40	00	Carbide.....	Lb.		4.2% ad val.(I)	
422.42	00	Other..... tungsten content..	Lb.....v	10% ad val.	Free (E)	45.5% ad val.
		Other..... tungsten content..	Lb.		4% ad val.(I)	
		Uranium compounds:	Lb.....	Free		Free
422.50	00	Oxide.....	Lb.....	Free		Free
422.52	00	Other.....	Lb.....	Free		Free
	20	Fluorides.....	Lb.			
	40	Other.....	Lb.			
		Vanadium compounds:	Lb.....	4.2% ad val.	Free (A,E,I)	25% ad val.
422.58	00	Carbide.....	Lb.....	16% ad val.	Free (A,E)	40% ad val.
422.60	00	Pentoxide (anhydride).....	Lb.....	16% ad val.	5.1% ad val.(I)	40% ad val.
422.62	00	Other.....	Lb.....	16% ad val.	Free (A,E)	40% ad val.
		Other.....	Lb.....	16% ad val.	5.1% ad val.(I)	
		Zinc compounds:	Lb.....	4.2% ad val.	Free (A,E,I)	25% ad val.
422.70	00	Arsenate.....	Lb.....	1.6% ad val.	Free (A,E,I)	5% ad val.
422.72	00	Chloride.....	Lb.....	Free		Free
422.73	00	Cyanide.....	Lb.....	17.5% ad val.	Free (A,E)	35% ad val.
422.74	00	Hydrosulfite.....	Lb.....	17.5% ad val.	5.6% ad val.(I)	
422.76	00	Sulfate.....	Lb.....	1.6% ad val.	Free (A,E,I)	8% ad val.
422.78	00	Other.....	Lb.....	3.7% ad val.	Free (A,E)	25% ad val.
		Other.....	Lb.....	3.7% ad val.	1.9% ad val.(I) ②	
		Zirconium compounds:	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
422.80	00	Oxide.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
422.82	00	Other.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
		Other inorganic compounds:	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
422.90	00	Boron carbide.....	Lb.....	4.2% ad val.	Free (A,E,I)	25% ad val.
422.92	00	Chromium carbide.....	Lb.....	4.2% ad val.	Free (A,E,I)	25% ad val.

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS

Part 2. - Chemical Elements, Inorganic and Organic Compounds, and Mixtures

4 - 2 - C
422.94 - 423.96

Item	Stat. Suf-fix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
Other inorganic compounds (con.):						
422.94	00	Sulfur dioxide.....	S. ton..	4.2% ad val.	Free (A,E,I)	25% ad val.
423.10	00	Niobium oxide.....	Lb.....	3.7% ad val.	Free (A*,E,I)	25% ad val.
423.50	00	Other.....	.....	3.7% ad val. <u>1/</u>	Free (A,E,I)	25% ad val.
	30	Rare-earth oxides except cerium oxide.....	Lb.			
	40	Hydrogen peroxide.....	Lb.			
	50	Other oxides, hydroxides, and peroxides.....	Lb.			
	92	Chromic acid.....	Lb.			
	96	Other.....	Lb.			
Mixtures of two or more inorganic compounds:						
423.80	00	In chief value of bismuth.....	Lb.....	7% ad val.	Free (A,E,I)	35% ad val.
423.82	00	In chief value of cyanide compounds which are free of duty under the foregoing provisions of this subpart.....	Lb.....	Free		Free
423.84	00	In chief value of hydrosulfite compounds, sulfoxylate compounds, or both.....	Lb.....	17.5% ad val.	Free (A,E) 5.6% ad val.(I)	35% ad val.
423.86	00	In chief value of mercury.....	Lb.....	6¢ per lb. + 4% ad val.	Free (A,E,I)	22¢ per lb. + 25% ad val.
423.88	00	In chief value of molybdenum.....	Lb.....v	2.8% ad val.	Free (A,E,I)	18% ad val.
		molybdenum content..	Lb.			
423.90	00	In chief value of nickel oxide.....	Lb.....	Free		Free
423.92	00	In chief value of tungsten.....	Lb.....v	10% ad val.	Free (E) 4% ad val.(I)	45.5% ad val.
		tungsten content..	Lb.			
423.94	00	In chief value of vanadium.....	Lb.....	7.4% ad val.	Free (A,E) 3% ad val.(I)	40% ad val.
423.96	00	Other.....	Lb.....	Free		25% ad val.

1/ Duty on yttrium bearing materials and compounds containing by weight more than 19 percent but less than 85 percent yttrium oxide equivalent temporarily suspended. See item 907.51 in part 1B, Appendix to the Tariff Schedules, and general headnote 3(d) (ii).

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
 Part 2. - Chemical Elements, Inorganic and Organic Compounds, and Mixtures

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
Subpart D. - Organic Chemical Compounds						
Subpart D headnote:						
1. This subpart does not include any inorganic compounds. Organic compounds in this subpart are arranged according to functional group. Any organic compound which is described in more than one functional group is classifiable in the first group in which it is described.						
Nitrogenous compounds:						
425.00	00	Acrylonitrile.....	Lb.....	11.6% ad val.	Free (A,E) 4.6% ad val.(I)	56.5% ad val.
425.02	00	Aldehyde ammonia.....	Lb.....	5.4% ad val.	Free (A,E,I)	35% ad val.
425.04		Amino acids.....	.....	4.2% ad val.	Free (A,E,I)	25% ad val.
	10	Alanine.....	Lb.			
	15	L-Aspartic acid.....	Lb.			
	20	Methionine.....	Lb.			
	25	Glycine (aminoacetic acid).....	Lb.			
	35	Lysine.....	Lb.			
	55	Other.....	Lb.			
425.06		Amino acid salts.....	.....	3.7% ad val.	Free (A,E,I)	25% ad val.
	10	Cysteine hydrochloride.....	Lb.			
	20	L-Lysine monohydrochloride.....	Lb.			
	30	Other.....	Lb.			
425.08	00	3-Amino-1,2,4-triazole.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
425.09	00	Ammonium alginate.....	Lb.....	3.1% ad val.	Free (A,E,I)	25% ad val.
425.10		Cyanuric chloride, melamine, and other compounds containing a triazine ring.....	.....	3.5% ad val.	Free (A,E,I)	25% ad val.
	20	Melamine.....	Lb.			
	30	Cyanuric chloride.....	Lb.			
	40	Pesticides.....	Lb.			
	45	Products used chiefly as rubber processing chemicals.....	Lb.			
	50	Other.....	Lb.			

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

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SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS

Part 2. - Chemical Elements, Inorganic and Organic Compounds, and Mixtures

4 - 2 - D
425.12 - 425.52

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
425.12	00	Nitrogenous compounds (con.): Diethanolamine, monoethanolamine, and triethanolamine.....	Lb.....	11.3% ad val.	Free (A,E) 4.5% ad val.(I)	50.5% ad vsl.
425.14	00	Ethylenediamine.....	Lb.....	5.8% ad val.	Free (A,E,I)	39% ad val.
425.18	00	Hexamethylenetetramine.....	Lb.....	6.3% ad val.	Free (A,E,I)	58% ad val.
425.20		Mono-, di-, and tri-(methyl-, ethyl-, propyl-, and butyl)monoamines.....	.....	3.7% ad val.	Free (A,E,I)	25% ad val.
	10	Dimethylamine.....	Lb.			
	20	Trimethylamine.....	Lb.			
	30	Other.....	Lb.			
425.22		Ethylureas, methylolureas, octamethylpyrophosphoramide and other acyclic amides.....	.....	3.7% ad val.	Free (A,E,I)	25% ad val.
	10	Acrylamide.....	Lb.			
	15	1,1'-Azobisformamide.....	Lb.			
	20	Dimethylformamide.....	Lb.			
	30	Methacrylamide.....	Lb.			
	45	Other.....	Lb.			
425.24	00	Imides.....	Lb.....	3.7 ad val.	Free (A,E) 1.5% ad val.(I)	25% ad val.
425.26	00	Methyl ethyl ketoxime.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
425.28	00	N-Methyl-2-pyrrolidone.....	Lb.....	4.2% ad val.	Free (A,E,I)	25% ad val.
425.30	00	Monosodium glutamate.....	Lb.....	12% ad val.	Free (E) 4.8% ad val.(I)	25% ad val.
425.32	00	Nitroparaffins.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
425.34	00	2-Pyrrolidone.....	Lb.....	4.2% ad val.	Free (A,E,I)	25% ad val.
425.36		Thiourea, thiourea dioxide, and other thioamides; thiocarbmates, thiocyanates, thiurams, and isothiocyanates.....	.....	3.7% ad val.	Free (A,E,I)	25% ad val.
	20	Pesticides.....	Lb.			
	40	Products used chiefly as rubber processing chemicals.....	Lb.			
	60	Other.....	Lb.			
425.38	00	N-Vinyl-2-pyrrolidone, monomer and polymer.....	Lb.....	5.5% ad val.	Free (A,E,I)	40% ad val.
		Dicyandiamide, guanidine salts and other acyclic amidines:				
425.39	00	Dicyandiamide.....	Lb.....	Free		25% ad val.
425.41	00	Other.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
425.42		Other:				
		Nitriles.....	.....	Free		25% ad val.
	20	Malononitrile.....	Lb.			
	40	Other.....	Lb.			
425.52		Other.....	.....	7.9% ad val.	Free (A,E,I)	30.5% ad val.
	20	Hexamethylenediamine.....	Lb.			
	40	Products used chiefly as rubber processing chemicals.....	Lb.			
	80	Ketoximes.....	Lb.			
	90	Other.....	Lb.			

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 2. - Chemical Elements, Inorganic and Organic Compounds, and Mixtures

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4 - 2 - D
425.70 - 426.32

Item	Stat. Suf-fix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
Acids:						
425.70	00	Acetic.....	Lb.....	1.8% ad val.	Free (A,E,I)	16% ad val.
425.72	00	Chloroacetic.....	Lb.....	1.8% ad val.	Free (A,E,I)	17.5% ad val.
425.74	00	Citric.....	Lb.....	6% ad val.	Free (A,E,I)	39.5% ad val.
425.76	00	Formic.....	Lb.....	9% ad val.	Free (A,E,I)	22.5% ad val.
425.77	00	Fumaric.....	Lb.....	4.2% ad val.	Free (A,E,I)	25% ad val.
425.78	00	Gallic.....	Lb.....	1% ad val.	Free (A,E,I)	2% ad val.
425.82	00	Lactic acid.....	Lb.....	5.1% ad val.	Free (A*,E,I)	35% ad val.
425.84	00	Naphthenic.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
425.86	00	Oxalic.....	Lb.....	3.1% ad val.	Free (A,E,I)	34.5% ad val.
425.87		Propionic acid and sorbic acid.....		4.2% ad val.	Free (A,E,I)	25% ad val.
	10	Propionic acid.....	Lb.			
	20	Sorbic acid.....	Lb.			
425.88	00	Pyrogallic.....	Lb.....	1.3% ad val.	Free (A,E,I)	2% ad val.
425.94	00	Tartaric.....	Lb.....	4.3% ad val. 1/	Free (A,E,I)	17% ad val.
425.96	00	Valeric.....	Lb.....	Free		Free
425.97	00	Other.....		4.2% ad val.	Free (E,I)	25% ad val.
Carboxylic acids:						
	10	Carboxylic acids with other oxygen functions.....	Lb.			
	30	Thioglycolic acid.....	Lb.			
	40	Other carboxylic acids (including mercapto acids).....	Lb.			
	60	Other organic acids (including sulfonic acids and thiocarboxylic acids).....	Lb.			
Acid anhydrides:						
426.00	00	Acetic.....	Lb.....	3.5% ad val.	Free (A,E,I)	22% ad val.
426.02	00	Valeric.....	Lb.....	Free		Free
426.04	00	Other.....	Lb.....	4.2% ad val.	Free (A,E,I)	25% ad val.
Salts of organic acids:						
426.08	00	Aluminum salts.....	Lb.....	3.1% ad val.	Free (A,E,I)	25% ad val.
Calcium salts:						
426.10	00	Acetate, crude.....	Lb.....	0.1 per lb.	Free (A,E,I)	1 per lb.
426.12	00	Citrate (lime citrate).....	Lb.....	1.5% ad val.	Free (A,E,I)	7% ad val.
426.14	00	Oxalate.....	Lb.....	3.1% ad val.	Free (A,E,I)	5% ad val.
426.16	00	Tartrate, crude.....	Lb.....	Free		Free
426.18		Other.....		3.7% ad val.	Free (A,E,I)	25% ad val.
	20	Propionate.....	Lb.			
	40	Other.....	Lb.			
426.22	00	Cerium salts.....	Lb.....	7.2% ad val.	Free (A,E) 2.9% ad val.(I)	35% ad val.
Cobalt salts:						
426.24	00	Resinate.....	Lb.....	4.2% ad val.	Free (A,E,I)	30% ad val.
426.26	00	Other.....	Lb.....	4.2% ad val.	Free (A,E,I)	30% ad val.
Copper salts:						
426.28	00	Acetate and subacetate.....	Lb.....v	1¢ per lb. on copper content..	Free (A,E,I)	4¢ per lb. on copper content
426.32	00	Naphthenate.....	Lb.....	4.4% ad val.	Free (A,E,I)	32% ad val.

1/ Duty on tartaric acid temporarily suspended. See item 907.65 in part 1B, Appendix to the Tariff Schedules, and general headnote 3(d)(ii).

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SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS

Part 2. - Chemical Elements, Inorganic and Organic Compounds, and Mixtures

4 - 2 - D
426.34 - 427.02

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		Salts of organic acids (con.):				
		Copper salts (con.):				
426.34	00	Other.....	Lb.....	4.1% ad val.	Free (A,E,I)	29% ad val.
		Lead salts:				
426.36	00	Acetate.....	Lb.....	1.1% ad val.	Free (A,E,I)	3% ad val.
426.42	00	Resinate.....	Lb.....	2.5% ad val.	Free (A,E,I)	7.5% ad val.
426.44	00	Other.....	Lb.....	4.9% ad val.	Free (A,E,I)	30% ad val.
426.46	00	Lithium salts.....	Lb.....	5% ad val.	Free (A,E,I)	25% ad val.
		Manganese salts:				
426.52	00	Resinate.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
426.54	00	Other.....	Lb.....	4.7% ad val.	Free (A,E,I)	25% ad val.
426.56	00	Mercurial salts.....	Lb.....	4.8% ad val.	Free (A,E,I)	28% ad val.
		Nickel salts:				
426.58	00	Acetate.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
426.62	00	Formate.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
426.64	00	Other.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
		Potassium salts:				
426.72	00	Antimony tartrate (tartar emetic).....	Lb.....	1.8% ad val. <u>1/</u>	Free (A,E,I)	4% ad val.
		Bitartrate:				
426.74	00	Containing under 90 percent potassium bitartrate by weight (argols).....	Lb.....	Free		Free
		Containing 90 percent or more potassium bitartrate by weight:				
426.76	00	Cream of tartar.....	Lb.....	4.6% ad val. <u>2/</u>	Free (A,E,I)	11% ad val.
426.77	00	Other.....	Lb.....	5.1% ad val.	Free (A,E,I)	21% ad val.
426.78	00	Citrate.....	Lb.....	5.1% ad val.	Free (A,E,I)	22.5% ad val.
426.82	00	Sodium tartrate (Rochelle salts).....	Lb.....	4.1% ad val. <u>3/</u>	Free (A,E,I)	11.5% ad val.
426.84	00	Other.....	Lb.....	3.1% ad val.	Free (A,E,I)	25% ad val.
	20	Sorbate.....	Lb.			
	40	Other.....	Lb.			
		Sodium salts:				
426.86	00	Acetate.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
426.88	00	Alginate.....	Lb.....	4.2% ad val.	Free (A,E,I)	25% ad val.
426.92	00	Bitartrate.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
426.94	00	Citrate.....	Lb.....	8.4% ad val.	Free (A,E)	42% ad val.
426.96	00	Formaldehyde sulfoxylate.....	Lb.....	17.5% ad val.	3.4% ad val.(I) Free (A,E)	35% ad val.
426.98	00	Formate.....	Lb.....	5.5% ad val.	5.6% ad val.(I) Free (A,E,I)	27.5% ad val.
427.02	00	Oxalate.....	Lb.....	1¢ per lb.	Free (A,E,I)	2.5¢ per lb.

1/ Duty temporarily suspended. See item 907.66 in part 1B, Appendix to the Tariff Schedules and general headnote 3(d)(ii).
2/ Duty temporarily suspended. See item 907.68 in part 1B, Appendix to the Tariff Schedules and general headnote 3(d)(ii).
3/ Duty temporarily reduced. See item 907.69 in part 1B, Appendix to the Tariff Schedules and general headnote 3(d)(ii).

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 2. - Chemical Elements, Inorganic and Organic Compounds, and Mixtures

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		Salts of organic acids (con.):				
		Sodium salts (con.):				
427.04		Other.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
	08	Erythorbate (isoascorbate).....	Lb.....			
	10	Monochloroacetate.....	Lb.....			
	35	Other.....	Lb.....			
		Strontium salts:				
427.06	00	Potassium oxalate.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
427.08	00	Other.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
427.12	00	Tellurium salts.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
427.14	00	Thorium salts.....	Lb.....	7.8% ad val.	Free (A,E)	35% ad val.
					3.1% ad val.(I)	
427.16	00	Tin salts.....	Lb.....	4.2% ad val.	Free (A,E,I)	25% ad val.
		Titanium salts:				
427.18	00	Potassium oxalate.....	Lb.....	4.9% ad val.	Free (A,E,I)	30% ad val.
427.20	00	Other.....	Lb.....	4.9% ad val.	Free (A,E,I)	30% ad val.
427.22	00	Vanadium salts.....	Lb.....	7.5% ad val.	Free (A,E)	40% ad val.
					3% ad val.(I)	
		Zinc salts:				
427.24	00	Zinc formaldehyde sulfoxylate.....	Lb.....	17.5% ad val.	Free (A,E)	35% ad val.
					5.6% ad val.(I)	
427.25	00	Other.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
427.28	00	All other salts of organic acids.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
427.30	00	Acyl halides.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
		Aldehydes:				
427.40	00	Acetaldehyde.....	Lb.....	8% ad val.	Free (A,E,I)	71% ad val.
427.42	00	Aldol or acetaldol.....	Lb.....	5.1% ad val.	Free (A,E,I)	32.5% ad val.
427.44	00	Butyraldehyde.....	Lb.....	20% ad val.	Free (A,E)	61.5% ad val.
					8% ad val.(I)	
427.45	00	Chloroacetaldehyde.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
427.46	00	Crotonaldehyde.....	Lb.....	7.2% ad val.	Free (A,E)	60% ad val.
					2.9% ad val.(I)	
427.48	00	Formaldehyde (including solutions).....	Lb.....	0.43¢ per lb.	Free (A,E,I)	1.75¢ per lb.
427.52	00	Furfural.....	Lb.....	Free		Free
427.53	00	Glyoxal.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
427.54	00	Paracetaldehyde.....	Lb.....	5.8% ad val.	Free (A,E,I)	40% ad val.
427.56	00	Paraformaldehyde.....	Lb.....	5.1% ad val.	Free (A,E,I)	32.5% ad val.
427.58	00	Other.....	Lb.....	5.6% ad val.	Free (A,E,I)	37% ad val.

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 2. - Chemical Elements, Inorganic and Organic Compounds, and Mixtures

4 - 2 - D
427.60 - 428.12

Item	Stat. Suf-fix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
Ketones:						
427.60	00	Acetone.....	Lb.....	Free		20% ad val.
427.62	00	Ethyl methyl ketone.....	Lb.....	3.1% ad val.	Free (A,E,I)	20% ad val.
427.64		Other.....		4% ad val.	Free (A,E,I)	20% ad val.
	10	Iaophorone.....	Lb.			
	20	Methyl isobutyl ketone.....	Lb.			
	30	Other.....	Lb.			
Alcohols, monohydric, unsubstituted:						
427.70	00	Allyl.....	Lb.....	7.5% ad val.	Free (A,E,I)	45% ad val.
427.72	00	Amyl.....	Lb.....	7.2% ad val.	Free (A,E,I)	37.5% ad val.
427.74		Butyl.....		8.8% ad val.	Free (A,E,I)	50.5% ad val.
	10	n-Butyl.....	Lb.			
	20	Isobutyl.....	Lb.			
	30	Other.....	Lb.			
427.82	00	Crotonyl.....	Lb.....	6% ad val.	Free (A,E,I)	41.5% ad val.
427.84	00	Decyl.....	Lb.....	3.7% ad val.	Free (A*,E,I)	25% ad val.
427.88	00	Ethyl for nonbeverage purposes.....	Gal.....	3% ad val. 1/	Free (E,I)	20% ad val.
427.92	00	Fusel oil.....	Lb.....	1.3¢ per lb.	Free (A,E) 0.5¢ per lb.(I)	6¢ per lb.
427.94	00	Hexyl.....	Lb.....	3.7% ad val.	Free (A,E,I)	20.5% ad val.
Methyl:						
427.96	00	Imported only for use in producing synthetic natural gas (SNG) or for direct use as a fuel.....	Gal.....	Free		18¢ per gal.
427.97	00	Other.....	Gal.....	18% ad val.	Free (A,E) 7.2% ad val.(I)	46% ad val.
427.98		Octyl.....		3.7% ad val.	Free (A,E,I)	25% ad val.
	10	2-Ethyl-1-hexanol.....	Lb.			
	20	Other.....	Lb.			
428.04	00	Propargyl.....	Lb.....	5.5% ad val.	Free (A,E,I)	37% ad val.
428.06		Propyl.....		14% ad val.	Free (A,E) 5.6% ad val.(I)	66% ad val.
	10	n-Propyl.....	Lb.			
	20	Isopropyl.....	Lb.			
428.12	00	Other.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.

1/ Certain imports of ethyl alcohol are subject to additional duties. See item 901.50 in part 1A, Appendix to the Tariff Schedule.

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TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 2. - Chemical Elements, Inorganic and Organic Compounds, and Mixtures

Item	Stat. Suf-fix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
Halohydrins:						
428.20	00	Butylene chlorohydrin.....	Lb.....	5.4% ad val.	Free (A,E,I)	35% ad val.
428.22	00	Ethylene chlorohydrin.....	Lb.....	5.7% ad val.	Free (A,E,I)	39% ad val.
428.24	00	Propylene chlorohydrin.....	Lb.....	4.9% ad val.	Free (A,E,I)	39% ad val.
428.26	00	Other.....	Lb.....	5.3% ad val.	Free (A,E,I)	33.5% ad val.
Alcohols, polyhydric (including glycols, polyglycols, diols, and polyols), and esters, ethers, and ether-esters and substituted derivatives of any of the foregoing:						
428.30		Butylene glycol and propylene glycol.....	.....	11.5% ad val.	Free (A,E) 4.6% ad val.(I)	51% ad val.
	10	Butylene glycol.....	Lb.			
	20	Propylene glycol.....	Lb.			
428.32	00	Dipentaerythritol and pentaerythritol.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
428.34	00	Ethylene glycol.....	Lb.....	12% ad val.	Free (A,E) 4.8% ad val.(I)	63% ad val.
Glycerine:						
428.36	00	Crude.....	Lb.....	0.2¢ per lb.	Free (A,E,I)	1¢ per lb.
428.38	00	Refined.....	Lb.....	0.5¢ per lb.	Free (A,E,I)	2¢ per lb.
428.40	00	Glycerine esters and ethers.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
428.41	00	Neopentyl glycol.....	Lb.....	6.7% ad val.	Free (A,E,I)	54.5% ad val.
428.42	00	Polyalcohols, sulfonated.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
Other:						
428.44	00	Triols and tetrols.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
428.47		Other.....	.....	12.3% ad val.	Free (A,E) 4.9% ad val.(I)	54.5% ad val.
	10	Diethylene glycol.....	Lb.			
	20	Ethylene glycol monobutyl ether.....	Lb.			
	30	Ethylene glycol monoethyl ether.....	Lb.			
	40	Ethylene glycol monomethyl ether.....	Lb.			
	70	Producta chiefly used as plasticizers.....	Lb.			
	80	Other.....	Lb.			

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS

Part 2. - Chemical Elements, Inorganic and Organic Compounds, and Mixtures

4 - 2 - D
428.50 - 429.00

Item	Stat. Suf-fix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		Esters of monohydric alcohols and organic or inorganic acids (except hydrogen sulfide and hydrogen halide acids):				
428.50	00	Amyl acetate.....	Lb.....	0.8¢ per lb.	Free (A,E,I)	7¢ per lb.
428.52	00	Butyl acetate.....	Lb.....	15.9% ad val.	Free (A,E) 6.4% ad val.(I)	40% ad val.
428.54	00	Diethyl sulfate and dimethyl sulfate.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
428.58	00	Ethyl acetate.....	Lb.....	3.7% ad val.	Free (A*,E,I)	20.5% ad val.
428.62	00	Ethyl acrylate.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
428.64	00	Ethyl methacrylate.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
428.66	00	Methyl acrylate.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
428.68	00	Vinyl acetate.....	Lb.....	3.8% ad val.	Free (A,E,I)	52% ad val.
428.72		Other.....	.....	3.7% ad val.	Free (A,E,I)	25% ad val.
		Carboxylic acid esters:				
	10	Isooctyl thioglycolate.....	Lb.			
	20	Methyl methacrylate.....	Lb.			
	30	Products chiefly used as plasticizers.....	Lb.			
	50	Other.....	Lb.			
	60	Other organic acid esters.....	Lb.			
		Inorganic acid esters:				
	70	Products chiefly used as pesticides.....	Lb.			
	90	Other.....	Lb.			
		Epoxides and halogenated epoxides:				
428.80	00	Butylene oxide.....	Lb.....	4.6% ad val.	Free (A,E,I)	46% ad val.
428.82	00	Epichlorohydrin.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
428.84	00	Ethylene oxide.....	Lb.....	9% ad val.	Free (A,E) 3.6% ad val.(I)	49% ad val.
428.86	00	Propylene oxide.....	Lb.....	12% ad val.	Free (A,E) 4.8% ad val.(I)	55% ad val.
428.88	00	Other.....	Lb.....	4.8% ad val.	Free (A,E,I)	31% ad val.
		Ethers of monohydric alcohols:				
428.90	00	Ethyl.....	Lb.....	1¢ per lb.	Free (A,E,I)	4¢ per lb.
428.92	00	Isopropyl.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
428.94	00	Vinyl.....	Lb.....	7.8% ad val.	Free (A,E) 3.1% ad val.(I)	88.5% ad val.
428.96	00	Other.....	Lb.....	5.6% ad val.	Free (A*,E,I)	37% ad val.
429.00	00	Acetals.....	Lb.....	5.5% ad val.	Free (A,E,I)	36.5% ad val.

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TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 2. - Chemical Elements, Inorganic and Organic Compounds, and Mixtures

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4 - 2 - D
429.10 - 429.51

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		Lactones:				
429.10	00	Butyrolactone.....	Lb.....	4% ad val.	Free (A,E,I)	25% ad val.
429.12	00	Other.....	Lb.....	4% ad val.	Free (A,E,I)	25% ad val.
		Halogenated hydrocarbons:				
429.19	00	Butylene dichloride and propylene dichloride.....	Lb.....	0.9¢ per lb. + 4.6% ad val.	Free (A,E,I)	6¢ per lb. + 30% ad val.
429.22	00	Carbon tetrachloride.....	Lb.....	2.3% ad val.	Free (A,E,I)	8.5% ad val.
429.24	00	Chloroform.....	Lb.....	15.9% ad val.	Free (A,E) 6.4% ad val.(I)	32% ad val.
429.26	00	Ethyl chloride.....	Lb.....	23% ad val. ②	20% ad val.(D) Free (A,E) 8% ad val.(I)	125% ad val.
429.28	00	Ethylene dibromide.....	Lb.....	0.7¢ per lb. + 3.5% ad val.	Free (E) 0.4¢ per lb. + 1.8% ad val.(I) ②	6¢ per lb. + 30% ad val.
429.29	00	Ethylene dichloride.....	Lb.....	0.6¢ per lb. + 3% ad val.	Free (A,E,I)	6¢ per lb. + 30% ad val.
429.30	00	Hexachloroethane.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
429.32	00	Methylene chloride (dichloromethane).....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
429.34	00	Perchloroethylene.....	Lb.....	3.4% ad val.	Free (A,E,I)	25% ad val.
429.38	00	Tetrachloroethane.....	Lb.....	4.9% ad val.	Free (A,E,I)	30% ad val.
429.42	00	Trichloroethylene.....	Lb.....	4.2% ad val.	Free (A,E,I)	30% ad val.
429.44	00	Vinyl chloride.....	Lb.....	12% ad val.	Free (A,E) 4.8% ad val.(I)	76% ad val.
429.46	00	Vinylidene chloride.....	Lb.....	4.6% ad val.	Free (A,E,I)	35% ad val.
		Other:				
429.47	00	Chlorinated but not otherwise halogenated.....	Lb.....	18% ad val.	Free (A,E) 7.2% ad val.(I)	114.5% ad val.
429.49	00	Acetylene tetrabromide; Alkyl bromides; Bromochloromethane; Bromotri fluoromethane; Chlorobromodi fluoromethane; 1,3,5,7,9,11-Hexabromocyclododecane; Methylene dibromide; and Vinyl bromide.....	Lb.....	3.7% ad val.	Free (A*,E) 1.5% ad val.(I)	25% ad val.
429.51		Other.....		3.7% ad val.	Free (A,E) 1.5% ad val.(I)	25% ad val.
	10	Fluorinated: Trichlorofluoromethane (11 series) and dichlorodi fluoromethane (12 series).....	Lb.			
	20	Chlorodi fluoromethane (22 series)...	Lb.			
	30	Other.....	Lb.			
	60	Other.....	Lb.			

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SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 2. - Chemical Elements, Inorganic and Organic Compounds, and Mixtures

4 - 2 - D
429.53 - 430.20

Item	Stat. Suf-fix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
429.53		Hydrocarbons:				
	20	Butadiene, butylene, ethylene, and propylene.....	Lb.	Free		Free
	25	Butadiene.....	Lb.			
	30	Butylene.....	Lb.			
	35	Ethylene.....	Lb.			
		Propylene.....	Lb.			
429.54		Other:				
		Hydrocarbons derived in whole or in part from petroleum, shale oil, or natural gas (except isoprene having a purity of 95 percent or more by weight).....	Lb.	5% ad val.	Free (E,I)	25% ad val.
	10	Tetrapropylene (propylene tetramer).....	Lb.			
	20	Dicyclopentadiene.....	Lb.			
	30	Other.....	Lb.			
429.56		Other:				
	10	Isoprene (having a purity of 95 percent or more by weight).....	Lb.	3.7% ad val.	Free (E,I)	25% ad val.
	20	Other.....	Lb.			
429.60		Sulfur compounds, including thiols, sulfides, sulfoxides, and sulfones.....	Lb.	3.7% ad val.	Free (A,E,I)	25% ad val.
	10	Carbon disulfide.....	Lb.			
	20	Other.....	Lb.			
429.70	00	Other organic compounds:				
		Tetraethyl lead.....	Lb.	7.2% ad val.	Free (A,E)	30% ad val.
429.85	00	Tetramethyl lead.....	Lb.	6% ad val.	2.9% ad val.(I)	25% ad val.
429.95		Other.....	Lb.	3.7% ad val.	Free (A,E)	25% ad val.
					1.5% ad val.(I)	
	10	Eucalyptol.....	Lb.			
	30	Organosilicon compounds.....	Lb.			
		Organotin compounds:				
	40	Dibutyltin oxide.....	Lb.			
	50	Tetraethyltin.....	Lb.			
	60	Other.....	Lb.			
	80	Tetrahydrofuran.....	Lb.			
	90	Other.....	Lb.			
430.10	00	Mixtures of two or more organic compounds:				
		Mixtures that are in whole or in part of hydrocarbons derived in whole or in part from petroleum, shale oil, or natural gas.....	Lb.	5% ad val., but not less than the highest rate applicable to any component compound	Free (E,I)	25% ad val., but not less than the highest rate applicable to any component compound
430.20		Other.....	Lb.	3.7% ad val., but not less than the highest rate applicable to any component compound	Free (E,I)	25% ad val., but not less than the highest rate applicable to any component compound
		Alcohols, acyclic, monohydric, unsubstituted:				
	10	Containing C ₁₁ or lower alcohols only....	Lb.			
	20	Containing C ₁₂ or higher alcohols only....	Lb.			
	30	Other.....	Lb.			
	40	Other.....	Lb.			

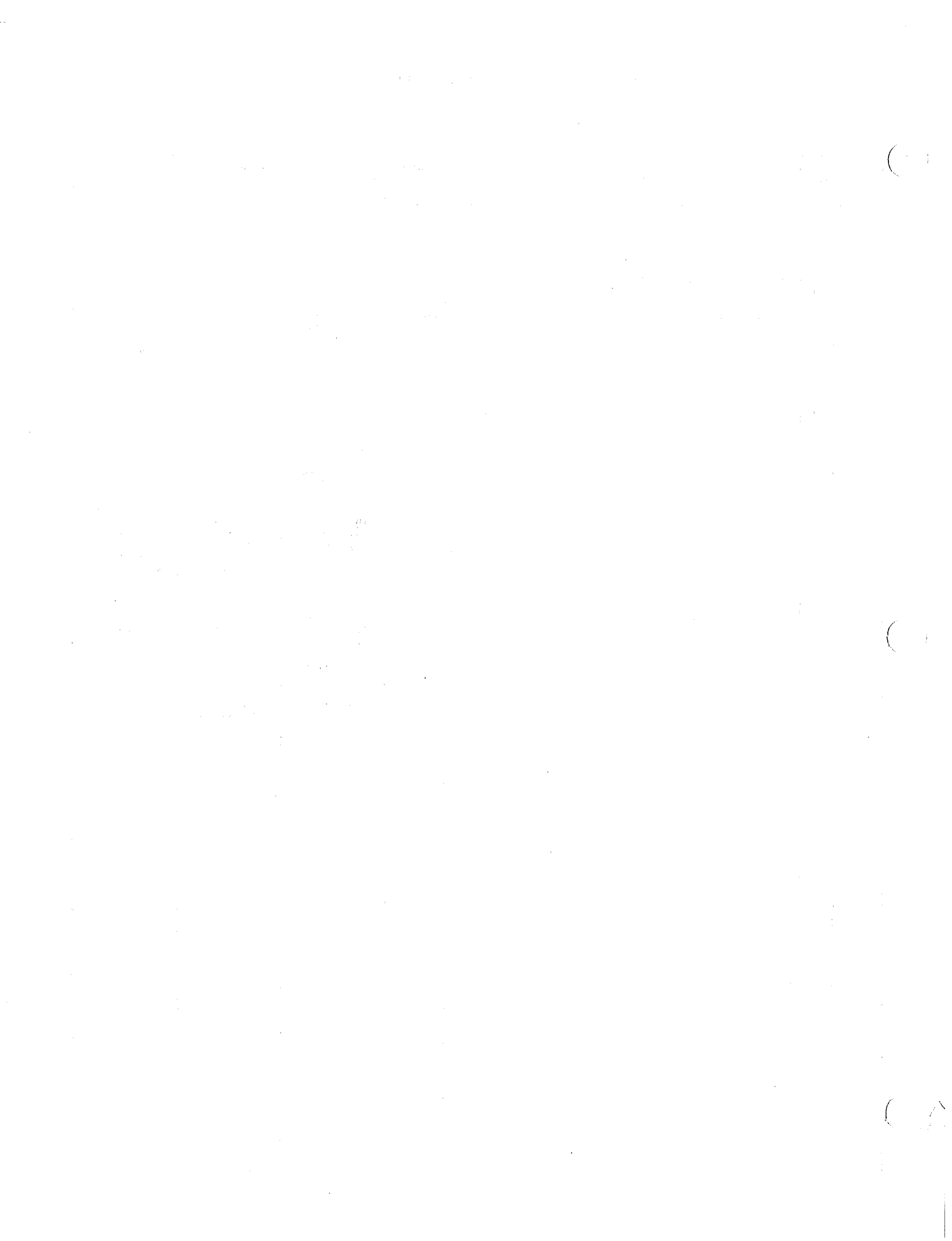
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SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
 Part 2. - Chemical Elements, Inorganic and Organic Compounds, and Mixtures

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4 - 2 - E
 432.10 - 432.28

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
Subpart E. - Chemical Mixtures						
432.10	00	Mixtures not specially provided for: Mixtures that are in whole or in part of hydrocarbons derived in whole or in part from petroleum, shale oil, or natural gas.....	Lb.....	5% ad val., but not less than the highest rate applicable to any component material	Free (E,I)	25% ad val., but not less than the highest rate applicable to any component material
432.15	00	Other: Pesticides.....	Lb.....	3.7% ad val., but not less than the highest rate applicable to any component material	Free (A,E,I)	25% ad val., but not less than the highest rate applicable to any component material
432.26	00	Other: Containing ethyl alcohol.....	Lb.....v Gal.	3.7% ad val., but not less than the highest rate applicable to any component material	Free (E) 1.5% ad val., but not less than the highest rate applicable to any component material(I)	25% ad val., but not less than the highest rate applicable to any component material
432.28	00	Other.....	Lb.....	3.7% ad val., but not less than the highest rate applicable to any component material	Free (A,E) 1.5% ad val., but not less than the highest rate applicable to any component material (I)	25% ad val., but not less than the highest rate applicable to any component material



TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 3. - Drugs and Related Products

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		<p>PART 3. - DRUGS AND RELATED PRODUCTS</p> <p><u>Part 3 headnotes:</u></p> <p>1. Any product described in this part which is a mixture containing as an ingredient any product described in part 1 of this schedule remains classifiable in part 3 unless the part 1 ingredient, as used in the mixture, imparts therapeutic or medicinal properties thereto. Notwithstanding the provisions of part 1 of this schedule, niacin, niacinamide, meso-inositol hexanicotinate, and pyridoxine (vitamin B₆), regardless of source, are classifiable in part 3 of this schedule.</p> <p>2. For the purposes of the tariff schedules, the term "drugs" means those substances, whether natural or synthetic, having therapeutic or medicinal properties and chiefly used as medicines or as ingredients in medicines.</p> <p>3. For the purposes of this part --</p> <p>(a) "natural substances" are those substances found in nature which comprise whole plants and herbs, anatomical parts thereof, vegetable saps, extracts, secretions and other constituents thereof; whole animals, anatomical parts thereof, glands or other animal organs, extracts, secretions and other constituents thereof, and which have not had changes made in their molecular structure as found in nature;</p> <p>(b) a "synthetic substance" is a chemical compound made by the artificial combination of elements or radicals by any physical or chemical process;</p> <p>(c) the term "crude", as used in relation to natural products, means any product which has not been advanced in value or improved in condition by shredding, grinding, chipping, crushing, distilling, evaporating, extracting, by artificial mixing with other substances or by any other process or treatment beyond that which is essential to its proper packing and the prevention of decay or deterioration pending manufacture; and</p> <p>(d) the term "advanced", as used in relation to natural products, means any product which has been advanced in value or improved in condition from its crude state by any mechanical or physical process whatever beyond that which is essential to its proper packing and the prevention of decay or deterioration pending manufacture, but does not include any product which has been artificially mixed with other substances or the molecular structure of which as found in nature has been changed.</p>				

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SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 3. - Drugs and Related Products

4 - 3 - A
435.05 - 436.00

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		Subpart A. - Natural Drugs, Crude or Advanced				
		Subpart A headnote:				
		1. This subpart covers only products which are natural drugs, crude or advanced.				
		Aconite, aloes, asafetida, buchu leaves, cocculus indicus, digitalis (<u>Lanata</u>), ipecac, jalap, manna, and marshmallow or althea:				
435.05	00	Crude.....	Lb.....	Free		Free
435.10	00	Advanced.....	Lb.....	1.5% ad val.	Free (A,E,I)	10% ad val.
435.30	00	Barks, cinchona or other, from which quinine may be extracted.....	Lb.....	Free		Free
435.35	00	Belladonna.....	Lb.....	Free		Free
435.40	00	Coca leaves.....	Lb.....	Free		10¢ per lb.
435.45	00	Digitalis (<u>Purpurea</u>).....	Lb.....	6.5% ad val.	Free (E,I)	20% ad val.
435.50	00	Ergot.....	Lb.....	Free		Free
435.55	00	Gentian.....	Lb.....	Free		Free
435.60	00	Henbane.....	Lb.....	Free		Free
435.65	00	Nux vomica.....	Lb.....	Free		Free
435.70	00	Opium.....	X. ⑤	Free		\$18 per lb. of anhydrous morphine content
435.72	00	Poppy straw extract.....	X. ⑤	Free		Free
435.75	00	Stramonium.....	Lb.....	Free		Free
436.00	00	Any of the products provided for in this subpart when imported in ampoules, capsules, jubes, lozenges, pills, tablets, troches, or similar forms, including powders put up in medicinal doses.....	X.....	The rate provided for such product in this subpart, but not less than 3.7% ad val.	Free (A,E,I)	The rate provided for such product in this subpart, but not less than 25% ad val.

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 3. - Drugs and Related Products

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4 - 3 - B
437.00 - 437.32

Item	Stat. Suf-fix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		Subpart B. - Alkaloids, Antibiotics, Barbiturates, Hormones, Vitamins, and Other Drugs and Related Products				
		Subpart B headnote:				
		1. The articles described in this subpart are classifiable hereunder whether or not they are drugs.				
		Alkaloids and their esters, ethers, salts, and other compounds:				
437.00	00	Brucine and its compounds.....	Oz.....	Free		25% ad val.
		Caffeine and its compounds:				
437.02	00	Caffeine.....	Lb.....	6% ad val.	Free (A,E,I)	59% ad val.
437.04	00	Caffeine, citrated.....	Lb.....	20¢ per lb.	Free (A,E) 8¢ per lb.(I)	75¢ per lb.
437.06	00	Other.....	Lb.....	6.6% ad val.	Free (A,E,I)	25% ad val.
437.08		Cinchona bark alkaloids and their salts.....		Free		Free
	20	Quinine and its salts.....	Oz.			
	40	Quinidine and its salts.....	Oz.			
	60	Other.....	Oz.			
437.10	00	Cocaine and its compounds.....	Oz.....	83¢ per oz.	Free (A,E,I)	\$2.60 per oz.
437.12	00	Ergotamine compounds.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
437.13	00	Nicotine and its compounds.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
437.14	00	Opium alkaloids and their compounds.....	Oz.....	\$1 per oz.	Free (A,E,I)	\$3 per oz.
437.16	00	Strychnine and its salts.....	Oz.....	2¢ per oz.	Free (A,E,I)	20¢ per oz.
437.18	00	Theobromine.....	Lb.....	9¢ per lb.	Free (A,E,I)	75¢ per lb.
		Other alkaloids and their compounds:				
437.20		Synthetic.....		3.7% ad val.	Free (A,E,I)	25% ad val.
	40	Theophylline and its derivatives, including aminophylline.....	Lb.			
	80	Other.....	Lb.			
		Natural:				
437.22	00	Not artificially mixed.....	Lb.....	1.8% ad val.	Free (A,E,I)	10% ad val.
437.24	00	Other.....	Lb.....	Free		25% ad val.
		Antibiotics:				
437.30	00	Natural and not artificially mixed.....	Gram....	1.8% ad val.	Free (A,E,I)	10% ad val.
437.32		Other.....		3.7% ad val. ③	Free (A,E,I)	25% ad val.
	20	Erythromycins.....	Gram			
	30	Tetracyclines.....	Gram			
	50	Other.....	Gram			

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4 - 3 - B
437.36 - 437.60

Item	Stat. Suf-fix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
437.36	00	Barbituric acid and its compounds:	Lb.....	5% ad val.	Free (A,E,I)	25% ad val.
437.38	00	Barbituric acid.....	Lb.....	50¢ per lb.	20¢ per val.(I)	\$2.50 per lb.
		Diethylbarbituric acid and its compounds.....	Lb.....		Free (A,E)	
437.40	00	Other.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
437.44	00	Chloral hydrate.....	Lb.....	4.7% ad val.	Free (A,E,I)	35% ad val.
		Enzymea and ferments:				
437.46	00	Rennet.....	Lb.....	Free		Free
437.47	00	Yeast (except dried brewers' yeast).....	Lb.....	10% ad val.	Free (A,E)	20% ad val.
					3.2% ad val.(I)	
437.48		Brewers' yeast, dried, ficin, and papain, all the foregoing, if crude.....	.....	Free		Free
	40	Dried brewers' yeast.....	Lb.			
	80	Crude ficin and crude papain.....	Lb.			
437.49		Other.....	.....	5% ad val.	Free (A,E,I)	25% ad val.
	20	Dried brewers' yeast, except crude.....	Lb.			
	50	Enzymea.....	Lb.			
	80	Ferments.....	Lb.			
437.50	00	Ethylhydrocupreine and its compounds.....	Oz.....	9¢ per oz.	Free (A,E,I)	20¢ per oz.
		Gluconic acid and its compounds:				
437.51	00	Acid.....	Lb.....	6% ad val.	Free (A,E,I)	25% ad val.
437.52		Other.....	.....	3.7% ad val.	Free (A,E,I)	25% ad val.
	20	Glucono-δ-lactone.....	Lb.			
	50	Sodium gluconate.....	Lb.			
	80	Other.....	Lb.			
437.54	00	Glycerophosphoric acid and its compounds.....	Lb.....	5.3% ad val.	Free (A,E,I)	35% ad val.
437.55	00	Haarlem oil.....	Lb.....	4.2% ad val.	Free (A,E,I)	25% ad val.
		Hormones:				
		Synthetic:				
437.56		Adrenocortical hormones.....	.....	6% ad val.	Free (A,E,I)	25% ad val.
	20	Hydrocortisone and its salts and esters..	Gram			
	40	Prednisolone and its salts and esters....	Gram			
	60	Prednisone and its salts and esters.....	Gram			
	80	Other.....	Gram			
437.57		Other.....	.....	3.2% ad val.	Free (A,E,I)	25% ad val.
		Steroid hormones:				
	20	Anabolic agents and androgens.....	Gram			
	40	Estrogens.....	Gram			
		Progestins:				
	55	Progesterone.....	Gram			
	60	Other.....	Gram			
	65	Other.....	Gram			
	80	Nonsteroid hormones.....	Gram			
		Natural:				
437.58	00	Not artificially mixed.....	Gram....	1.8% ad val.	Free (A,E,I)	10% ad val.
437.60	00	Other.....	Gram....	3.7% ad val.	Free (A,E,I)	25% ad val.

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TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 3. - Drugs and Related Products

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
437.64	00	Menthol.....	Lb.....	17¢ per lb.	Free (A*,E,I)	50¢ per lb.
437.65	00	Meso-inositol hexanicotinate, whether or not regarded as a vitamin.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
437.66	00	Santonin and its salts.....	Lb.....	Free		Free
437.68	00	Tannic acid containing by weight 50% or more of tannic acid: Conforming to the specifications for tannic acid contained in the National Formulary, XI.....	Lb.....	1.5% ad val.	Free (A,E,I)	8% ad val.
437.69	00	Other.....	Lb.....	1.5% ad val. ③	Free (A,E,I)	5% ad val.
437.70	00	Terpin hydrate.....	Lb.....	7% ad val.	Free (A,E,I)	35% ad val.
437.72	00	Thymol.....	Lb.....	4.2% ad val.	Free (A,E,I)	35% ad val.
437.74	00	Tinctures of opium such as laudanum and other liquid preparations of opium.....	Fl. oz..	12% ad val.	Free (A,E) 4.8% ad val.(I)	60% ad val.
437.76	00	Viruses, therapeutic serums, vaccinee, toxins, antitoxins, and analogous biological products; human blood and fractions thereof; human skin and bone grafts, and other anatomical parts of the human body prepared for diagnostic or therapeutic purposes.....	X.....	Free		Free
437.82	03	Vitamins: Synthetic.....	.....	3.1% ad val.	Free (A,E,I)	25% ad val.
	05	Biotin.....	Lb.			
	07	Niacin: Pharmaceutical grade (N.F. or U.S.P.)...	Lb.			
	15	Other.....	Lb.			
	22	Niacinamide.....	Lb.			
	25	Vitamin B ₆ (pyridoxine and related compounds with vitamin B ₆ activity).....	Lb.			
	30	<i>d</i> - and <i>dl</i> -Pantothenic acid and derivatives..	Lb.			
	36	Vitamin B ₁ (thiamine hydrochloride and thiamine mononitrate).....	Lb.			
	40	Vitamin A (alcohol, aldehyde, acid, and esters) and provitamin A.....	Lb.			
	46	Vitamin C (ascorbic acid and its salts).....	Lb.			
	77	Vitamin D (ergocalciferol and cholecalciferol) and provitamin D.....	Lb.			
		Other.....	Lb.			
437.84	00	Natural: Not artificially mixed.....	Lb.....	Free		10% ad val.
437.86	00	Other.....	Lb.....	2.7% ad val.	Free (A,E,I)	25% ad val.

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SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 3. - Drugs and Related Products

4 - 3 - B
438.01 - 438.02

Item	Stat. Suf-fix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		Any of the products provided for in this subpart when imported in ampoules, capsulae, jubes, lozenges, pills, tablets, troches, or similar forms, including powders put up in medicinal doses:				
438.01	00	Vitamins.....	X.....	3.1% ad val.	Free (A,E,I)	25% ad val.
438.02	00	Other.....	X.....	The rate provided for such product in this subpart, but not less than 3.7% ad val. ④	Free (A,E,I)	The rate provided for product in this subpart, but not less than 25% ad val.

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TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 3. - Drugs and Related Products

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
Subpart C. - Other Drugs						
Drugs, not provided for in subpart A or B of this part:						
Natural drugs, crude or advanced:						
439.10		Crude.....	.....	Free		Free
	10	Animal glands and organs, and parts thereof.....	Lb.			
	30	Bile and other animal secretions.....	Lb.			
	50	Ginseng roots.....	Lb.			
	70	Psyllium seed husks.....	Lb.			
	90	Other.....	Lb.			
439.30		Advanced.....	.....	1.5% ad val.	Free (A,E,I)	10% ad val.
	10	Liver in advanced form.....	Lb.			
	30	Advanced of animal origin, not specially provided for.....	Lb.			
	50	Ginseng in advanced form.....	Lb.			
	70	Glycosides.....	Lb.			
	90	Other.....	Lb.			
439.50		Other, including synthetic drugs.....	.....	3.7% ad val. ⑤	Free (A*,E,I) ②	25% ad val.
	10	Glycosides.....	Lb.			
	15	Inorganic drugs.....	Lb.			
	Other:					
	30	Anti-infective agents.....	Lb.			
	45	Autonomic drugs.....	Lb.			
	50	Cardiovascular drugs.....	Lb.			
	55	Choline salts.....	Lb.			
	70	Dermatological agents and local anesthetics.....	Lb.			
	Drugs primarily affecting the central nervous system:					
	81	Anticonvulsants, hypnotics, and sedatives.....	Lb.			
	83	Antidepressants, tranquilizers, and other psychotherapeutic agents.....	Lb.			
	85	Other.....	Lb.			
	90	Hormone substitutes and antagonists.....	Lb.			
	95	Other.....	Lb.			
440.00	00	Any of the products provided for in this subpart when imported in ampoules, capsules, jubes, lozenges, pills, tablets, troches, or similar forms, including powders put up in medicinal doses.....	X.....	The rate provided for such product in this subpart, but not less than 3.7% ad val.	Free (A,E,I)	The rate provided for such product in this subpart, but not less than 25% ad val.

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TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
 Part 4. - Synthetic Resins and Plastics Materials; Rubber

Item	Stat. Suf-fix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		<p>PART 4. - SYNTHETIC RESINS AND PLASTICS MATERIALS; RUBBER</p> <p>Subpart A. - Synthetic Resins and Plastics Materials</p> <p><u>Subpart A headnotes:</u></p> <p>1. This subpart does not cover synthetic plastics materials provided for in part 1C of this schedule, but the addition of any product described in part 1 of this schedule to a synthetic plastics material described in this subpart as an antioxidant, color, dispersing agent, emulsifier, extender, filler, pesticide, plasticizer, or stabilizer does not affect the classification of such synthetic plastics material in this subpart.</p> <p>2. The term "<u>synthetic plastics materials</u>", in this subpart, embraces products formed by the condensation, polymerization, or copolymerization of organic chemicals and to which an antioxidant, color, dispersing agent, emulsifier, extender, filler, pesticide, plasticizer, or stabilizer may have been added. These products contain as an essential ingredient an organic substance of high molecular weight; are capable, at some stage during processing into finished articles, of being molded or shaped by flow; and are solid in the finished article. The term includes, but is not limited to, such products derived from esters of acrylic or methacrylic acid; vinyl acetate, vinyl chloride resins, polyvinyl alcohol, acetals, butyral, formal resins, polyvinyl ether and ester resins, and polyvinylidene chloride resins; urea and amino resins; polyethylene, polypropylene, and other polyalkene resins; siloxanes, silicones, and other organo-silicon resins; alkyd, acrylonitrile, allyl, and formaldehyde resins, and cellulosic plastics materials. These synthetic plastics materials may be in solid, semi-solid, or liquid condition such as flakes, powders, pellets, granules, solutions, emulsions, and other basic crude forms not further processed.</p> <p><u>Subpart A statistical headnotes:</u></p> <p>1. For the purposes of this subpart, the term "<u>thermoplastic resins</u>" means those materials which in their final state as finished articles are capable of being repeatedly softened by increase of temperature and hardened by decrease of temperature.</p>				

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 4. - Synthetic Resins and Plastics Materials; Rubber

4 - 4 - A
445.05 - 445.54

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		<p>2. For the purposes of this subpart, the term "thermosetting resins" (thermosets) means those materials which in their final state as finished articles are substantially infusible. Thermosetting resins are often liquids at some stage in their manufacturing or processing, and are cured by heat, catalysis, or other chemical means. After being fully cured, thermosets cannot be resoftened by heat.</p> <p>3. For the purposes of statistical reporting of copolymers and terpolymers in item 445.56, the copolymers and terpolymers shall be reported as if they consisted entirely of that monomer which is present in the largest amount by weight on a resin content basis (i.e., excluding the weight of plasticizers, liquid diluents, fillers, or other additives). Any polymer consisting of two or more monomers which are present in equal amounts shall be reported as if it consisted entirely of that monomer whose polymer is listed first under the thermoplastic or thermosetting resins, as appropriate.</p>				

		Synthetic plastics materials:				
445.05		Acrylic and methacrylic acid resins.....	Lb.....	6.3% ad val.	Free (A,E,I)	37% ad val.
	10	Polymethyl methacrylate resins.....	Lb.....			
	20	Other.....	Lb.....			
445.10	00	Acrylonitrile resins.....	Lb.....	6.3% ad val.	Free (A,E,I)	35.5% ad val.
445.15	00	Allyl resins.....	Lb.....	6.3% ad val.	Free (A,E,I)	34% ad val.
		Cellulosic plastics materials:				
445.20	00	Cellulose acetate.....	Lb.....	5.6% ad val.	Free (A,E,I)	73.5% ad val.
445.25	00	Other.....	Lb.....	5.2% ad val.	Free (A,E,I)	34.5% ad val.
445.30		Polyethylene resins.....	Lb.....	12.5% ad val.	Free (A,E)	43% ad val.
	10	Low and medium density (0.940 and below).....	Lb.....		5% ad val.(I)	
	20	High density (over 0.940).....	Lb.....			
445.35		Urea and amino (including melamine) resins.....	Lb.....	6.9% ad val.	Free (A,E,I)	41.5% ad val.
	20	Melamine formaldehyde resins.....	Lb.....			
	40	Urea formaldehyde resins.....	Lb.....			
	60	Other.....	Lb.....			
		Vinyl resins:				
		Polyvinyl acetate and vinyl resins containing by weight 50 percent or more of derivatives of vinyl acetate:				
445.42	00	Polyvinyl alcohol resins.....	Lb.....	3.2% ad val.	Free (A*,E,I)	37.5% ad val.
445.44	00	Other.....	Lb.....	4% ad val.	Free (A,E,I)	37.5% ad val.
		Other:				
445.46	00	Polyvinyl chloride resins.....	Lb.....	10.1% ad val.	Free (A*,E)	43.5% ad val.
					4% ad val.(I)	
445.48	00	Other.....	Lb.....	5.3% ad val.	Free (A,E,I)	43.5% ad val.
445.52	00	Polypropylene resins.....	Lb.....	12.5% ad val.	Free (A,E)	33.5% ad val.
					5% ad val.(I)	
445.54	00	Polytetrafluoroethylene (PTFE) resins.....	Lb.....	0.7¢ per lb. + 5.7% ad val.	Free (A,E,I)	33.5% ad val.

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 4. - Synthetic Resins and Plastics Materials; Rubber

Item	Stat. Suf-fix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
445.56		Synthetic plastics materials (con.): Other.....	.....	1¢ per lb. + 7.7% ad val.	Free (A,E,I)	33.5% ad val.
	05	Thermoplastic resins: Polyacetal.....	Lb.			
	07	Polyamide, non-nylon type.....	Lb.			
	15	Polyterpene.....	Lb.			
	30	Other.....	Lb.			
		Thermosetting resins:				
	45	Dicysndiamide (cyanoguanidine) resins....	Lb.			
	50	Furan (furfuryl type) resins.....	Lb.			
	60	Silicone resins.....	Lb.			
	90	Other.....	Lb.			
445.75	00	Artificial mixtures of two or more of the foregoing plastics materials.....	Lb.....	The highest rate applicable to any component material	Free (A,E,I)	The highest rate applicable to any component material
Subpart B. - Rubber						
Subpart B headnotes:						
<p>1. This subpart covers all rubber whether or not obtained, derived, or manufactured in whole or in part from any product described in part 1 of this schedule.</p> <p>2. (a) For the purposes of the tariff schedules, the term "rubber" means a substance, whether natural or synthetic, in bale, crumb, powder, latex, or other crude form, that--</p> <p>(i) can be vulcanized or otherwise cross-linked, and</p> <p>(ii) after cross-linking can be stretched at 68°F. to at least three times its original length and that, after having been stretched to twice its original length and the stress removed, returns within 5 minutes to less than 150 percent of its original length.</p> <p>(b) For purposes of the Tariff Schedules other than schedule 4, the term "rubber" also means any substance described in subdivision (a) that also contains fillers, extenders, pigments, or rubber-processing chemicals, whether or not such substance, after the addition of such fillers, extenders, pigments, or chemicals, can meet the tests specified in clauses (i) and (ii) of subdivision (a).</p>						

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

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SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 4. - Synthetic Resins and Plastics Materials; Rubber

4 - 4 - B
446.05 - 446.30

Item	Stat. Suf-fix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
446.05		Natural rubber: Not containing fillers, extenders, pigments, or rubber-processing chemicals.....	.....	Free		Free
	10	Gutta balata.....	Lb.			
	20	Gutta-percha and guttas, not specially provided for.....	Lb.			
	30	Jelutong or pontianak.....	Lb.			
	40	Other: Latex.....	Lb. <u>1/</u>			
		Other: Ribbed smoked sheets:				
	44	Grade 1.....	Lb.			
	48	Grade 2.....	Lb.			
	52	Grade 3.....	Lb.			
	56	Other.....	Lb.			
		Technically specified rubber:				
	60	Grade 5.....	Lb.			
	64	Grade CV.....	Lb.			
	68	Grade L.....	Lb.			
	72	Grade 10.....	Lb.			
	76	Grade 20.....	Lb.			
	80	Other.....	Lb.			
	84	Other.....	Lb.			
446.10	00	Containing fillers, extenders, pigments, or rubber-processing chemicals.....	Lb.....	Free		20% ad val.
446.12	00	Chlorinated natural rubber.....	Lb.....	Free		20% ad val.
446.15		Synthetic rubber.....	.....	Free		20% ad val.
		Not containing fillers, pigments, or rubber- processing chemicals:				
	11	Nitrile.....	Lb.			
	16	Polybutadiene.....	Lb.			
	21	Polychloroprene (neoprene).....	Lb.			
	26	Ethylene-propylene.....	Lb.			
	31	Polyisoprene.....	Lb.			
	33	Silicone.....	Lb.			
		Styrene-butadiene:				
		Containing 50 percent or less styrene by weight of the dry polymer:				
	35	Latex.....	Lb.			
	39	Other.....	Lb.			
	44	Containing over 50 percent styrene by weight of the dry polymer.....	Lb.			
	58	Other.....	Lb.			
		Other: Masterbatches:				
	71	Containing carbon black.....	Lb.			
	76	Other.....	Lb.			
	80	Silicone.....	Lb.			
	97	Other.....	Lb.			
446.20	00	Reclaimed rubber of all kinds.....	Lb.....	Free		Free
446.30	00	Mixtures of any of the foregoing.....	Lb.....	Free		20% ad val.

1/ Pounds dry rubber content.

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
 Part 5. - Flavoring Extracts; Essential Oils

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4 - 5 - A
 450.10 - 450.50

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		<p>PART 5. - FLAVORING EXTRACTS; ESSENTIAL OILS</p> <p>Subpart A. - Flavoring Extracts, and Fruit Flavors, Essences, Esters, and Oils</p> <p><u>Subpart A headnote:</u></p> <p>1. This subpart covers flavoring extracts of vegetable origin, and fruit flavors, essences, esters, and oils, both natural and synthetic, including flavors which are artificial mixtures containing aromatic or odoriferous compounds provided for in part 1C of this schedule.</p> <hr/> <p>Flavoring extracts, and fruit flavors, essences, esters, and oils, all the foregoing whether or not containing ethyl alcohol:</p> <p>Not containing alcohol:</p>				
450.10	00	In ampoules, capsules, tablets, or similar forms.....	X.....	4.2% ad val.	Free (A,E,I)	25% ad val.
450.20		Other.....	.....	6% ad val.	Free (A,E,I)	25% ad val.
	10	Spice oleoresins:				
	15	Paprika.....	Lb.			
	25	Black pepper.....	Lb.			
	40	Other.....	Lb.			
450.30	00	Containing alcohol:				
		Containing not over 20 percent of alcohol by weight.....	Lb.....	3¢ per lb. + 3% ad val. <u>1/</u>	Free (E,I)	20¢ per lb. + 25% ad val. <u>1/</u>
450.40	00	Containing over 20 percent but not over 50 percent of alcohol by weight.....	Lb.....	6¢ per lb. + 3% ad val. <u>1/</u>	Free (E,I)	40¢ per lb. + 25% ad val. <u>1/</u>
450.50	00	Containing over 50 percent of alcohol by weight.....	Lb.....	12¢ per lb. + 3% ad val. <u>1/</u>	Free (E,I)	80¢ per lb. + 25% ad val. <u>1/</u>

1/ Imports under this item may be subject to Federal Excise Tax (26 U.S.C. 5001 and 5041) as follows:

A) If containing distilled spirits, a tax of \$12.50 per proof gallon and a proportionate tax at the like rate on all fractional parts of a proof gallon.

B) If containing wine, a tax of --

- 1) 17¢ per wine gallon on still wines containing not more than 14% of alcohol by volume;
- 2) 67¢ per wine gallon on still wines containing more than 14% and not exceeding 21% of alcohol by volume;
- 3) \$2.25 per wine gallon on still wines containing more than 21% and not exceeding 24% of alcohol by volume;
- 4) \$3.40 per wine gallon on champagne and other sparkling wines; and
- 5) \$2.40 per wine gallon on artificially carbonated wines.

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SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 5. - Flavoring Extracts; Essential Oils

4 - 5 - B
452.02 - 452.80

Item	Stat. Suf-fix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
Subpart B. - Essential Oils						
Oils, distilled or essential, including terpeneless oils:						
452.02	00	Almond, bitter.....	Lb.....	Free		Free
452.04	00	Anise.....	Lb.....	Free		Free
452.06	00	Bergamot.....	Lb.....	Free		Free
452.08	00	Camphor.....	Lb.....	Free		Free
452.10	00	Caraway.....	Lb.....	Free		Free
452.12	00	Cassia.....	Lb.....	Free		Free
452.14	00	Cedar leaf.....	Lb.....	Free		25% ad val.
452.16	00	Cinnamon.....	Lb.....	Free		Free
452.18	00	Citronella.....	Lb.....	Free		Free
452.20	00	Clove.....	Lb.....	Free		25% ad val.
452.22	00	Coriander, including "peppermint" derived from <u>Mentha arvensis</u>	Lb.....	Free		25% ad val.
452.24	00	Eucalyptus.....	Lb.....	2.8% ad val.	Free (A,E,I)	15% ad val.
452.26	00	Geranium.....	Lb.....	Free		Free
452.28	00	Grapefruit.....	Lb.....	6% ad val.	Free (A,E,I)	25% ad val.
452.32	00	Lavender and spike lavender.....	Lb.....	Free		Free
452.34	00	Lemon.....	Lb.....	8.5% ad val.	Free (E,I)	25% ad val.
452.36	00	Lemongrass.....	Lb.....	Free		Free
452.38	00	Lime.....	Lb.....	Free		Free
452.40	00	Stylage or bois de rose.....	Lb.....	Free		Free
452.42	00	Neroli (orange flower).....	Lb.....	Free		Free
452.44	00	Orange.....	Lb.....	6% ad val.	Free (A*,E,I)	25% ad val.
452.46	00	Origanum.....	Lb.....	Free		Free
452.48	00	Orris.....	Lb.....	2.5% ad val.	Free (A,E,I)	25% ad val.
452.50	00	Palmarosa.....	Lb.....	Free		Free
452.52	00	Patchouli.....	Lb.....	Free		25% ad val.
452.54	00	Peppermint derived from <u>Mentha piperita</u>	Lb.....	6.6% ad val.	Free (A,E,I)	25% ad val.
452.56	00	Pettigrain.....	Lb.....	Free		Free
452.58	00	Pine needle.....	Lb.....	Free		25% ad val.
452.60	00	Rose (attar of roses).....	Oz.....	Free		Free
452.62	00	Rosemary.....	Lb.....	Free		Free
452.64	00	Sandalwood.....	Lb.....	Free		25% ad val.
452.66	00	Thyme.....	Lb.....	Free		Free
452.68	00	Vetiver.....	Lb.....	Free		25% ad val.
452.70	00	Ylang ylang (cananga).....	Lb.....	Free		Free
452.80		Other.....		Free		25% ad val.
	05	Cedarwood.....	Lb.			
	10	Citrus, not elsewhere classified.....	Lb.			
	20	Nutmeg.....	Lb.			
	23	Onion and garlic.....	Lb.			
	25	Pine.....	Lb.			
	30	Sassafras including <u>ocotea cymbarum</u>	Lb.			
	35	Spearmint.....	Lb.			
	42	Other.....	Lb.			

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
 Part 6. - Glue, Gelatin, and Related Products

Page 4-87 ③

4 - 6 --
 455.02 - 455.24

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
PART 6. - GLUE, GELATIN, AND RELATED PRODUCTS						
<u>Part 6 headnote:</u>						
1. The glue, gelatin, and other products in this part are products of animal or vegetable origin. The classification of these products in the provisions of this part is not affected by the addition to such products of any product described in part 1 of this schedule as a deodorant or preservative or to control viscosity.						
455.02	00	Agar agar.....	Lb.....	3% ad val. ③	Free (A,E,I)	25% ad val.
455.04	00	Pectin.....	Lb.....	5% ad val.	Free (E,I)	25% ad val.
455.06	00	Isinglass.....	Lb.....	5.3% ad val.	Free (A,E,I)	25% ad val.
455.08	00	Bones, crude, steamed, or ground.....	S. ton..	Free		Free
455.10	00	Hide cuttings, raw, with or without hair.....	Lb.....	Free		Free
455.12	00	Ossein.....	Lb.....	Free		Free
455.14	00	Glue stock, not specially provided for.....	Lb.....	Free		Free
Edible gelatin:						
455.16	00	Valued under 40 cents per pound.....	Lb.....	0.8¢ per lb. + 4% ad val.	Free (A,E,I)	5¢ per lb. + 12% ad val.
455.18	00	Valued 40 or more but not over 80 cents per pound.....	Lb.....	1.3¢ per lb. + 5% ad val.	Free (A,E,I)	7¢ per lb. + 20% ad val.
455.20	00	Valued over 80 cents per pound.....	Lb.....	2¢ per lb. + 6% ad val.	Free (A,E,I)	7¢ per lb. + 20% ad val.
Photographic gelatin:						
455.22	00	Valued not over 80 cents per pound.....	Lb.....	1.3¢ per lb. + 5% ad val.	Free (A,E,I)	7¢ per lb. + 20% ad val.
455.24	00	Valued over 80 cents per pound.....	Lb.....	2¢ per lb. + 6% ad val.	Free (A,E,I)	7¢ per lb. + 20% ad val.

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TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

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SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 6. - Glue, Gelatin, and Related Products

4 - 6 --
455.30 - 455.46

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		Glue, glue size, and inedible gelatin:				
		Vegetable glue:				
455.30	00	Valued under 40 cents per pound.....	Lb.....	0.2¢ per lb. + 2.4% ad val.	Free (A,E,I)	2¢ per lb. + 25% ad val.
455.32	00	Valued 40 cents or more per pound.....	Lb.....	1.2¢ per lb. + 3.6% ad val.	Free (A,E,I)	8¢ per lb. + 25% ad val.
455.34	00	Casein glue.....	Lb.....	7.5% ad val.	Free (A,E,I)	30% ad val.
		Fish glue:				
455.36	00	Valued under 40 cents per pound.....	Lb.....	Free		2¢ per lb. + 25% ad val.
455.38	00	Valued 40 cents or more per pound.....	Lb.....	0.8¢ per lb. + 2.4% ad val.	Free (A,E,I)	8¢ per lb. + 25% ad val.
		Inedible gelatin and animal glue:				
455.40	00	Valued under 40 cents per pound.....	Lb.....	0.8¢ per lb. + 5% ad val.	Free (E,I)	2.5¢ per lb. + 20% ad val.
455.42	00	Valued 40 cents or more per pound.....	Lb.....	2¢ per lb. + 6% ad val.	Free (E,I)	8¢ per lb. + 25% ad val.
		Glue size:				
455.44	00	Valued under 40 cents per pound.....	Lb.....	0.25¢ per lb. + 3.5% ad val.	Free (A,E,I)	2¢ per lb. + 25% ad val.
455.46	00	Valued 40 cents or more per pound.....	Lb.....	2¢ per lb. + 6% ad val.	Free (A,E,I)	8¢ per lb. + 25% ad val.

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
 Part 7. - Aromatic or Odoriferous Substances; Perfumery,
 Cosmetics, and Toilet Preparations

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		<p>PART 7. - AROMATIC OR ODORIFEROUS SUBSTANCES; PERFUMERY, COSMETICS, AND TOILET PREPARATIONS</p> <p>Subpart A. - Aromatic or Odoriferous Substances</p> <p><u>Subpart A headnote:</u></p> <p>1. This subpart covers aromatic or odoriferous substances, natural and synthetic (including artificial mixtures containing aromatic or odoriferous compounds provided for in part 1C of this schedule, but not including products provided for in part 5 of this schedule), which are chiefly used in the manufacture of perfumery, cosmetics, or toilet preparations, or otherwise for the purpose of scenting or of counteracting undesirable odors, but which themselves are not marketable as perfumery, cosmetics, or toilet preparations.</p>				
460.05		Enfleurage greases, floral essences, floral concretes, and other aromatic or odoriferous substances obtained from natural substances by enfleurage, maceration, or extraction, all the foregoing containing no alcohol.....	.....	Free		Free
	20	Of animal origin.....	Lb.			
	40	Of vegetable origin.....	Lb.			
		Aromatic or odoriferous substances containing no alcohol or not over 10 percent alcohol by weight: Not artificial mixtures (other than substances admixed with alcohol):				
460.10	00	Ambergris.....	Oz.....	4% ad val.	Free (A,E,I)	20% ad val.
460.15	00	Anethol.....	Lb.....	6.4% ad val. ③	Free (A,E,I)	45% ad val.
460.20	00	Castoreum.....	Oz.....	10% ad val.	Free (E)	20% ad val.
460.25	00	Citral.....	Lb.....	6.4% ad val.	3.2% ad val.(I)	
460.30	00	Civet.....	Oz.....	8% ad val.	Free (A,E,I)	45% ad val.
460.35	00	Geraniol.....	Lb.....	3% ad val.	Free (A,E,I)	20% ad val.
460.40	00	Heliotropin.....	Lb.....	3% ad val.	Free (A,E,I)	45% ad val.
460.45	00	Hydroxycitronellal.....	Lb.....	4.8% ad val.	Free (E,I)	45% ad val.
460.50	00	Ionone.....	Lb.....	4.8% ad val.	Free (A,E,I)	45% ad val.
460.55	00	Linalyl acetate.....	Lb.....	6.4% ad val.	Free (A,E,I)	45% ad val.
					Free (A,E)	45% ad val.
460.60	00	Musk, grained or in pods.....	Oz.....	10% ad val.	5.8% ad val.(I)	
					Free (A,E)	20% ad val.
460.65	00	Rhodinol.....	Lb.....	6.4% ad val.	3.2% ad val.(I)	
460.70	00	Safrol.....	Lb.....	7.2% ad val.	Free (A,E,I)	45% ad val.
					Free (A,E)	45% ad val.
460.75	00	Terpineol.....	Lb.....	6.4% ad val.	2.9% ad val.(I)	
					Free (A,E,I)	45% ad val.

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TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

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SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
 Part 7. - Aromatic or Odoriferous Substances; Perfumery,
 Cosmetics, and Toilet Preparations

4 - 7 - A, B
 460.80 - 461.15

Item	Stat. Suf-fix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
460.80	10	Aromatic or odoriferous substances containing no alcohol or not over 10 percent alcohol by weight (con.):				
		Not artificial mixtures (other than substances admixed with alcohol) (con.):				
		Other.....	.....	4.8% ad val.	Free (A,E,I)	45% ad val.
		Citronellol.....	Lb.			
		Ethylene brassylate.....	Lb.			
460.85	10	Artificial mixtures.....	.....	5¢ per lb. + 4.1% ad val. <u>1/</u>	Free (A,E,I)	40¢ per lb. + 50% ad val. <u>1/</u>
		Perfume oil mixture and blends, consisting of products ready for use as finished perfume bases.....	Lb.			
		Other.....	Lb.			
460.90	10	Aromatic and odoriferous substances containing over 10 percent alcohol by weight.....	.....	5¢ per lb. + 4.7% ad val. <u>1/</u>	Free (A,E,I)	40¢ per lb. + 75% ad val. <u>1/</u>
		Perfume oil mixture and blends, consisting of products ready for use as finished perfume bases.....	Lb.			
		Other.....	Lb.			
Subpart B. - Perfumery, Cosmetics, and Toilet Preparations						
<u>Subpart B headnote:</u>						
<p>1. The term "cosmetics and other toilet preparations" in this subpart covers products such as dentifrices, powders, lotions, pastes, and creams, whether or not described in part 1 of this schedule, chiefly used in applications to the surface of the human body for lending attractiveness, for theatrical make-up, or for cleansing or conditioning the hair, mouth, teeth, skin, or nails, but the term does not include any of the products described in part 8 of this schedule.</p>						

461.05	00	Bath salts, whether or not having medicinal properties:				
461.10	00	Not perfumed.....	Lb.....	7.5% ad val.	Free (A,E,I)	25% ad val.
		Perfumed.....	Lb.....	5.8% ad val.	Free (A,E,I)	75% ad val.
461.15	00	Bay rum or bay water.....	Lb.....	4¢ per lb. + 6.1% ad val.	Free (A,E,I)	40¢ per lb. + 60% ad val.

1/ Certain imports under this item may be subject to a Federal Excise Tax (26 U.S.C. 5001) of \$12.50 per proof gallon and a proportionate tax at the like rate on all fractional parts of a proof gallon.

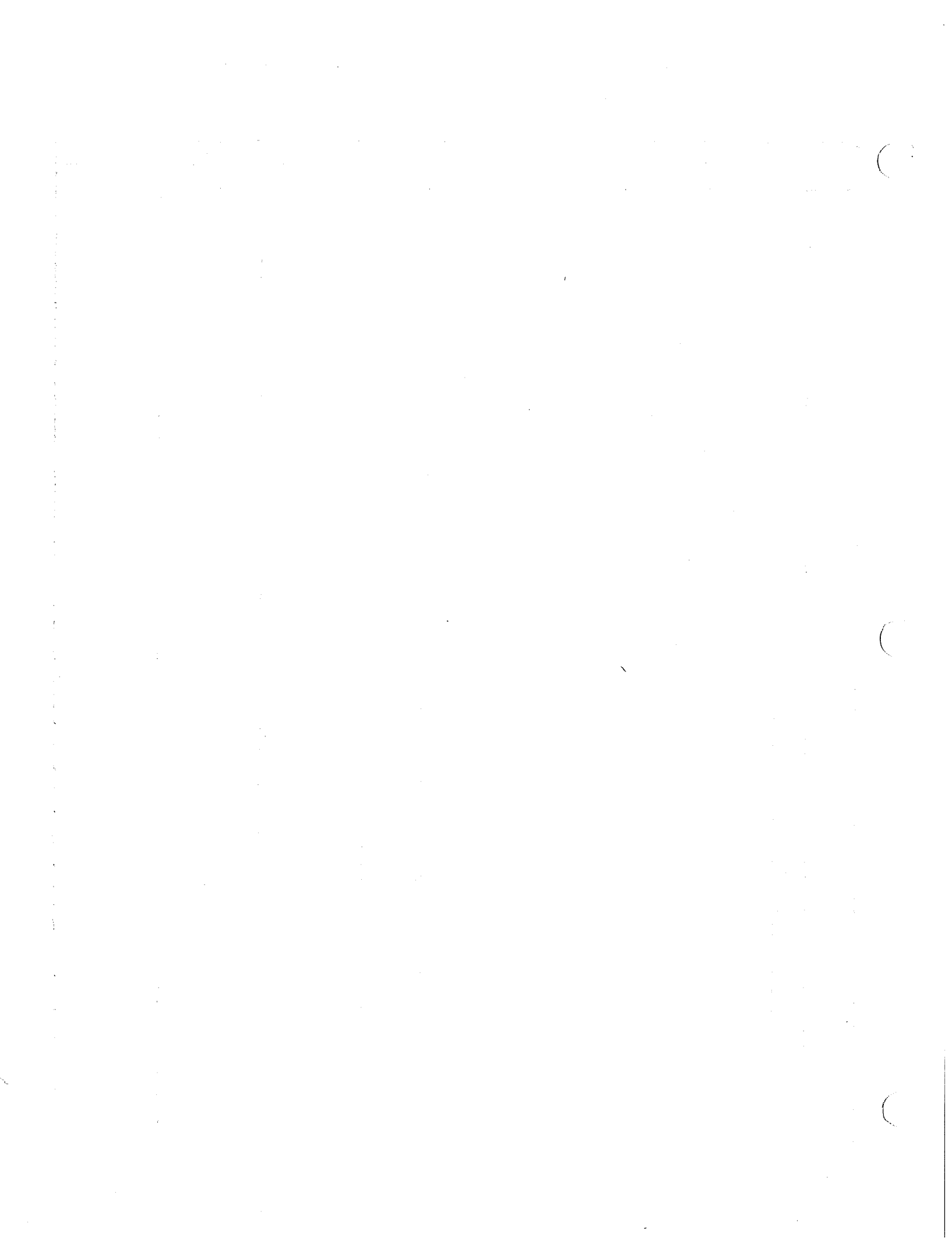
TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
 Part 7. - Aromatic or Odoriferous Substances; Perfumery,
 Cosmetics, and Toilet Preparations

Page 4-91
 4 - 7 - B
 461.20 - 461.45

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
461.20	00	Floral or flower waters.....	Gal.....	Free		20% ad val.
		Perfumes, colognes, and toilet waters:				
461.30	00	Not containing alcohol.....	Lb.....	5% ad val.	Free (A,E,I)	75% ad val.
461.35	00	Containing alcohol.....	Lb.....	5% ad val. ^{1/}	Free (A,E,I)	40¢ per lb. + 75% ad val. ^{1/}
		Cosmetics and other toilet preparations:				
461.40		Not containing alcohol.....	.....	4.9% ad val.	Free (A,E,I)	75% ad val.
	05	Bath preparations, except bath salts.....	X			
	10	Shaving preparations, including after shave preparations.....	X			
	15	Hair preparations, including shampoos, coloring preparations, and hair sprays.....	X			
	20	Dentifrices, mouthwashes, and similar preparations.....	X			
	25	Cosmetic creams, lotions, oils and balms, excluding hair, shaving, and bath preparations.....	X			
	30	Rouges, lipsticks, and eye make-up preparations.....	X			
	35	Deodorants, personal.....	X			
	37	Manicuring preparations.....	X			
	40	Powders, including talcum and face powders.....	X			
	45	Other.....	X			
461.45		Containing alcohol.....	.....	5¢ per lb. + 4.5% ad val.	Free (A,E,I)	40¢ per lb. + 75% ad val.
	05	Shaving preparations, including after shave preparations.....	Lb.			
	15	Hair preparations, including coloring preparations and hair sprays.....	Lb.			
	20	Other.....	Lb.			

^{1/} Imports of perfume under this item are subject to a Federal Excise Tax (26 U.S.C. 5001) of \$12.50 per wine gallon, and a proportionate tax at the like rate on all fractional parts of such wine gallon.



TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
 Part 8. - Surface-Active Agents; Soap and Synthetic Detergents

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		<p>PART 8. - SURFACE-ACTIVE AGENTS; SOAP AND SYNTHETIC DETERGENTS</p> <p><u>Part 8 headnote:</u></p> <p>1. This part covers surface-active agents, soaps, and synthetic detergents, except those provided for in items 409.22 to 409.30, inclusive of part 1C of this schedule. This part also covers certain specified products which may or may not be surface-active agents. The addition of any product described in part 1 of this schedule to these products as a color, brightener, germicide, deodorizer, whitener, or scent does not affect their classification under this part (8).</p> <p style="text-align: center;">-----</p> <p>Subpart A. - Surface-Active Agents</p> <p><u>Subpart A headnote:</u></p> <p>1. The term "surface-active agents", as used in item 465.95 means synthetic organic chemical compounds, or mixtures thereof, which function as surface tension modifiers and are chiefly used for any one or combination of the following purposes: As detergents, wetting agents, emulsifiers, dispersants, or foaming agents.</p> <p style="text-align: center;">-----</p> <p>Fatty substances of animal (including marine animal) or vegetable origin:</p> <p>Not sulfonated or sulfated:</p> <p>Fatty-acid esters, ethers, and ether-esters of polyhydric alcohols:</p>				
465.05	00	Derived from coconut, palm-kernel, or palm oil.....	Lb.....	0.9¢ per lb. + 4.3% ad val.	Free (A,E,I) ①	6¢ per lb. + 30% ad val.
465.10	00	Other.....	Lb.....	1¢ per lb. + 4.5% ad val.	Free (A,E,I)	7.5¢ per lb. + 30% ad val.
465.15	00	Fatty-acid amides, amines, and quaternary ammonium salts: Derived from coconut, palm-kernel, or palm oil.....	Lb.....	1¢ per lb. + 4.5% ad val.	Free (A,E,I)	6¢ per lb. + 30% ad val.
465.20	10	Other.....	.....	1¢ per lb. + 4.5% ad val.	Free (A,E,I)	7.5¢ per lb. + 30% ad val.
	20	Cationic and amphoteric agents.....	Lb.			
		Other.....	Lb.			

(1st supp. 6/10/87)

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 8. - Surface-Active Agents; Soap and Synthetic Detergents

4 - 8 - A
465.25 - 465.95

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		Fatty substances of animal, etc. (con.):				
		Not sulfonated or sulfated (con.):				
		Sodium and potassium salts of fats, oils, and greases, and of fatty acids derived therefrom:				
465.25	00	Derived from coconut, palm-kernel, or palm oil.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
465.30	00	Other.....	Lb.....	0.5¢ per lb. + 3.4% ad val.	Free (A,E,I)	3¢ per lb. + 25% ad val.
		Sulfonated or sulfated:				
		Fatty acids and salts of fatty acids:				
465.35	00	Derived from coconut, palm-kernel, or palm oil.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
465.40	00	Other.....	Lb.....	0.5¢ per lb. + 3.4% ad val.	Free (A,E,I)	3¢ per lb. + 25% ad val.
		Fatty alcohols and salts of fatty alcohols:				
465.45	00	Derived from coconut, palm-kernel, or palm oil.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
465.50	00	Other.....	Lb.....	0.5¢ per lb. + 3.5% ad val.	Free (A,E,I)	3¢ per lb. + 25% ad val.
		Fatty-acid esters, ethers, amides, and amines:				
465.55	00	Derived from coconut, palm-kernel, or palm oil.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
465.60	00	Other.....	Lb.....	0.2¢ per lb. + 3.6% ad val.	Free (A,E,I)	1.5¢ per lb. + 25% ad val.
		Fats, oils, and greases, all the foregoing sulfonated or sulfated:				
465.65	00	Coconut, palm-kernel, and palm oils.....	Lb.....	2.8% ad val.	Free (A,E,I)	35% ad val.
465.70	00	Tallow.....	Lb.....	3.2% ad val.	Free (A,E,I)	3¢ per lb. + 35% ad val.
465.75	00	Wool grease.....	Lb.....	0.4¢ per lb. + 2.8% ad val.	Free (A,E,I)	3¢ per lb. + 35% ad val.
		Other:				
465.80	00	Animal (including marine animal).....	Lb.....	0.4¢ per lb. + 4.3% ad val.	Free (A,E,I)	3¢ per lb. + 35% ad val.
465.85	00	Vegetable.....	Lb.....	4.7% ad val.	Free (A,E,I)	35% ad val.
465.87	00	Carboxymethylcellulose salts.....	Lb.....	6.4% ad val.	Free (A,E,I)	66% ad val.
465.90	00	Dibasic-acid esters, ethers, amides and amines, all the foregoing sulfonated or sulfated.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
465.92	00	Lignin sulfonic acid and its salts.....	Lb.....	Free		20% ad val.
465.95		Surface-active agents (except surface-active agents described elsewhere in this part).....		3.7% ad val.	Free (A,E,I)	25% ad val.
		Anionic surface-active agents:				
	10	Sulfated alcohols and salts thereof.....	Lb			
	20	Sulfated polyesters and salts thereof.....	Lb.			
	30	Other.....	Lb.			
	40	Cationic and amphoteric surface-active agents.....	Lb.			
	50	Nonionic surface-active agents.....	Lb.			

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
 Part 8. - Surface-Active Agents; Soap and Synthetic Detergents

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		Subpart B. - Soap and Synthetic Detergents				
		Subpart B headnote:				
		1. For the purposes of this subpart --				
		(a) the terms "soap" and "soap powder" embrace formulated products, which are used chiefly for household, laundry, and industrial cleaning purposes, and which contain salts of fatty acids (usually sodium or potassium salts of such fatty acids as lauric, oleic, palmitic, and stearic acids) obtained directly or indirectly from natural oils, fats, and greases, and which may contain added ingredients such as colors, brighteners, perfumes, and builders and extenders including rosin, wax, inorganic salts, and alkaline detergents; and				
		(b) the term "synthetic detergents" embraces formulated materials which are used chiefly for household, laundry, and industrial cleaning purposes, and which consist of one or more surface-active agents as the active ingredients in combination with colors, brighteners, perfumes, inert diluents, builders and extenders such as inorganic salts, polyphosphates, polysilicates or sodium carboxymethylcellulose.				
466.05	00	Castile soap.....	Lb.....	3.1% ad val.	Free (A,E,I)	15% ad val.
		Toilet soap:				
466.10	00	Valued not over 20 cents per pound.....	Lb.....	0.3¢ per lb. + 3.3% ad val.	Free (A,E,I)	2¢ per lb. + 30% ad val.
466.15	00	Valued over 20 cents per pound.....	Lb.....	0.5¢ per lb. + 3.6% ad val. ③	Free (A,E,I)	2¢ per lb. + 30% ad val.
466.20	00	Soap made in whole or in part from castor oil.....	Lb.....	4.7% ad val.	Free (A,E,I)	35% ad val.
466.25	00	Other soap and soap powder (including all medicinal soap and soap powder).....	Lb.....	0.4¢ per lb. + 2.9% ad val.	Free (A,E,I)	2¢ per lb. + 15% ad val.
466.30	00	Synthetic detergents.....	Lb.....	Free		25% ad val.

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TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
 Part 9. - Dyeing and Tanning Products; Pigments and Pigment-Like
 Materials; Inks, Paints, and Related Products

Page 4-97

4 - 9 - A
 470.05 - 470.30

Item	Stat. Suf-fix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		<p>PART 9. - DYEING AND TANNING PRODUCTS; PIGMENTS AND PIGMENT-LIKE MATERIALS; INKS, PAINTS, AND RELATED PRODUCTS</p> <p>Part 9 headnote:</p> <p>1. Any product described in this part and also in part 1 of this schedule is classifiable under said part 1, except varnishes, inks, and artists', students', and children's pigments or paints.</p> <p>Subpart A. - Dyeing and Tanning Products</p> <p>Subpart A headnote:</p> <p>1. This subpart covers only materials, extracts, decoctions, and other preparations suitable for coloring (including dyeing and staining) or for tanning. All the products provided for are of vegetable origin except cochineal (item 470.05) which is of animal origin.</p> <p>2. For the purposes of this subpart -- (a) the term "crude or processed" means material which are crude or which have been processed by shredding, grinding, chipping, crushing, or any similar process, but not otherwise processed; and (b) the term "cutch" refers to products obtained from the Acacia catechu or Areca catechu trees.</p>				
470.05	00	Annato, archil, cochineal, cudbear, and litmus.....	Lb.....	Free		Free
470.10	00	Brazil wood, cutch, fustic, henna, logwood, madder, Persian berry, safflower, and saffron: Crude or processed.....	Lb.....	Free		Free
470.16	00	Other: Logwood.....	Lb.....	Free		Free
470.18	00	Other.....	Lb.....	3.1% ad val.	Free (A,E,I)	15% ad val.
470.20	00	Canaigre, chestnut, curupay, divi-divi, eucalyptus, hemlock, larch, and tara: Crude or processed.....	Lb.....	Free		Free
470.23	00	Other: Chestnut, divi-divi, and hemlock.....	Lb.....	Free		Free
470.25	00	Other.....	Lb.....	Free		Free
470.30	00	Gall nuts, crude or processed.....	Lb.....	Free		Free

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
 Part 9. - Dyeing and Tanning Products; Pigments and Pigment-Like
 Materials; Inks, Paints, and Related Products

4 - 9 - A, B
 470.40 - 472.14

Item	Stat. Suf-fix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
470.40	00	Gambier.....	Lb.....	Free		Free
		Mangrove, myrobalan, oak, quebracho, sumac, urunday, and wattle:				
470.50		Crude or processed.....	.....	Free		Free
	30	Quebracho.....	Lb.			
	40	Wattle.....	Lb.			
	70	Other.....	Lb.			
		Other:				
470.55	00	Myrobalan and sumac.....	Lb.....	Free		Free
470.57		Other.....	.....	Free		Free
	40	Quebracho.....	Lb.			
	60	Wattle.....	Lb.			
	90	Other.....	Lb.			
		Valonia:				
470.60	00	Crude or processed.....	Lb.....	Free		Free
470.65	00	Other.....	Lb.....	Free		Free
		Products of vegetable origin used chiefly for coloring or tanning, not specially provided for:				
470.80	00	Crude or processed.....	Lb.....	Free		Free
470.85	00	Other.....	Lb.....	3.1% ad val.	Free (A,E,I) ③	15% ad val.
Subpart B. - Pigments and Pigment-Like Materials						
Subpart B headnote:						
1. The term "pigments", as used in this subpart, means products consisting of fine solid particles or powder, in dry form, in pulp, or ground in or mixed with oil, water, or other vehicle, commonly known as pigments and suitable for use in imparting color (including black and white) to paints, inks, rubber, plastics, linoleum, and other products.						

		Barium carbonate:				
		Natural (witherite):				
472.02	00	Crude.....	Lb.....	Free		Free
472.04	00	Ground.....	Lb.....	4.2% ad val.	Free (E,I)	30% ad val.
472.06	00	Precipitated.....	Lb.....	0.4¢ per lb.	Free (A,E,I)	1.5¢ per lb.
		Barium sulfate:				
		Natural (barytes):				
472.10	00	Crude.....	Ton.....	\$1.27 per ton	Free (A,E,I)	\$4 per ton
472.12	00	Ground.....	Ton.....	3.25 per ton	Free (A,E,I)	\$7.50 per ton
472.14	00	Precipitated (blanc fixe).....	Lb.....	0.2¢ per lb.	Free (A,E,I)	1.25¢ per lb.

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 Part 9. - Dyeing and Tanning Products; Pigments and Pigment-Like
 Materials; Inks, Paints, and Related Products

Item	Stat. Suf-fix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		Calcium carbonate:				
		Natural:				
472.20	00	Chalk, crude.....	Ton.....	Free		Free
472.22	00	Chalk whitening.....	Lb.....	1.4% ad val.	Free (E,I)	13% ad val.
472.24	00	Precipitated.....	Lb.....	Free		25% ad val.
472.30	00	Calcium sulfate, precipitated, and satin white.....	Lb.....	5.3% ad val.	Free (A,E,I)	11% ad val.
		Iron-oxide and iron-hydroxide pigment materials, natural, if crude or washed but not ground:				
472.40	00	Ochers.....	Lb.....	0.06¢ per lb.	Free (A,E,I)	0.375¢ per lb.
		Siennas:				
472.42	00	Crude.....	Lb.....	0.03¢ per lb.	Free (A,E,I)	0.125¢ per lb.
472.44	00	Washed.....	Lb.....	2% ad val.	Free (A,E,I)	8.5% ad val.
		Umbers:				
472.46	00	Crude.....	Lb.....	Free		0.125¢ per lb.
472.48	00	Washed.....	Lb.....	0.08¢ per lb.	Free (A,E,I)	0.375¢ per lb.
472.50	00	Other.....	Lb.....	5.8% ad val.	Free (A,E,I)	20% ad val.
		Pigments (except pigments, in dry form, described in the foregoing provisions of this subpart):				
		Containing carbon:				
473.02	00	Bone black.....	Lb.....	3.7% ad val.	Free (A,E,I)	20% ad val.
473.04	00	Carbon black.....	Lb.....	Free		20% ad val.
473.06	00	Lampblack.....	Lb.....	3.7% ad val.	Free (A,E,I)	20% ad val.
		Containing chromium:				
473.10	00	Chrome green.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
473.12	00	Chrome yellow.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
473.14	00	Chromium oxide green.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
473.16	00	Hydrated chromium oxide green.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
473.18	00	Molybdenum orange.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
473.19	00	Strontium chromate.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
473.20	00	Zinc yellow.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
		Containing copper:				
473.24	00	Cuprous oxide.....	Lb.....	5% ad val.	Free (A,E,I)	39.5% ad val.
		Containing iron:				
473.28	00	Ferricyanide and ferrocyanide blues.....	Lb.....	3.7% ad val.	Free (A,E,I)	12% ad val.
		Iron oxides and iron hydroxides:				
473.30		Synthetic.....		3.7% ad val.	Free (A,E,I)	20% ad val.
	10	Black.....	Lb.			
	20	Red.....	Lb.			
	30	Yellow.....	Lb.			
	40	Other.....	Lb.			
		Natural:				
473.32	00	Ochers.....	Lb.....	0.04¢ per lb.	Free (A,E,I)	0.375¢ per lb.
473.36	00	Siennas.....	Lb.....	0.1¢ per lb.	Free (A,E,I)	0.375¢ per lb.
473.38	00	Umbers.....	Lb.....	0.08¢ per lb.	Free (A,E,I)	0.375¢ per lb.
473.40	00	Other.....	Lb.....	10% ad val. ③	Free (E) 3.2% ad val.(I) ③	20% ad val.

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
 Part 9. - Dyeing and Tanning Products; Pigments and Pigment-Like
 Materials; Inks, Paints, and Related Products

4 - 9 - B
 473.44 - 473.90

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		Pigments (except pigments, in dry form, described in the foregoing provisions of this subpart) (con.):				
		Containing lead:				
473.44	00	Blue lead (sublimed blue lead).....	Lb.....	5.8% ad val.	Free (A,E,I)	30% ad val.
		Leaded zinc oxides:				
		Containing not over 25 percent of lead by weight:				
473.46	00	Dry.....	Lb.....	1.2% ad val.	Free (A,E,I)	5.5% ad val.
473.48	00	Other.....	Lb.....	4.3% ad val.	Free (A,E,I)	12% ad val.
473.50	00	Containing over 25 percent of lead by weight.....	Lb.....	5.8% ad val.	Free (A,E,I)	30% ad val.
473.52	00	Litharge.....	Lb.....	2.4% ad val.	Free (A*,E,I)	12% ad val.
473.54	00	Orange mineral.....	Lb.....	2.3% ad val.	Free (A,E,I)	12.5% ad val.
473.56	00	Red lead.....	Lb.....	3.4% ad val.	Free (A*,E,I)	12.5% ad val.
473.58	00	Suboxide of lead (leady litharge).....	Lb.....	15% ad val.	Free (A,E)	30% ad val.
		White lead:				
473.60	00	Baaic carbonate.....	Lb.....	0.5% ad val.	Free (A,E,I)	4.5% ad val.
473.62	00	Basic sulfate (sublimed white lead).....	Lb.....	10% ad val.	Free (A,E)	30% ad val.
		Containing mercury:				
473.66	00	Vermilion reds.....	Lb.....	4.1% ad val.	Free (A,E,I)	6% ad val.
		Containing titanium:				
473.70	00	Titanium dioxide.....	Lb.....	6% ad val.	Free (A,E,I)	30% ad val.
		Containing zinc:				
		Lithopone:				
473.72	00	Containing under 30% zinc sulfide by weight.....	Lb.....	2.2% ad val.	Free (A,E,I)	11% ad val.
473.74	00	Containing 30% or more zinc sulfide by weight.....	Lb.....	3.8% ad val.	Free (A,E,I)	22.5% ad val.
		Zinc oxide:				
473.76	00	Dry.....	Lb.....	Free		5.5% ad val.
473.78	00	Other.....	Lb.....	1.3% ad val.	Free (A,E,I)	4.5% ad val.
473.80	00	Zinc sulfide.....	Lb.....	2.8% ad val.	Free (A,E,I)	11% ad val.
		Other pigments:				
473.82	00	Pearl essence.....	Lb.....	3.4% ad val.	Free (A,E,I)	25% ad val.
473.84	00	Ultramarine blue and blues containing ultramarine.....	Lb.....	1.5% ad val.	Free (A,E,I)	7.5% ad val.
473.86	00	Vandyke brown (Cassal earth or Cassal brown).....	Lb.....	5.3% ad val.	Free (A,E,I)	25% ad val.
		Not specially provided for:				
473.88	10	Not containing lead.....	.....	3.1% ad val.	Free (A,E,I)	25% ad val.
	20	Metallic aluminum pigments.....	Lb.			
		Other.....	Lb.			
473.90	00	Containing lead.....	Lb.....	5.8% ad val.	Free (A,E,I)	30% ad val.

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SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
 Part 9. - Dyeing and Tanning Products; Pigments and Pigment-Like
 Materials; Inks, Paints, and Related Products

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4 - 9 - C
 474.02 - 474.06

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		<p>Subpart C. - Inks, Paints, and Related Products</p> <p><u>Subpart C headnotes:</u></p> <p>1. The provision in this subpart for artists', students', and children's pigments and paints assembled into sets (item 474.08) covers only pigments and paints assembled in such container and form, and with such assortment of articles, as to be suitable for sale at retail to artists, students, or children as a paint set, kit, or color outfit.</p> <p>2. The term "paints and enamel paints" in this subpart covers dispersions of pigments or pigment-like materials with a liquid (vehicle) which are suitable for application to surfaces as a thin layer, and which dry (harden) to an opaque, solid film. The vehicle of paints consists of drying oils or resins which bind the pigment particles together in the film; and the vehicle of enamel paints is principally varnish. Paints and enamel paints may also contain thinners, driers, plasticizers, or other agents.</p> <p>3. The term "varnishes" in this subpart covers liquid surface-coating products which contain no pigments or pigment-like materials, and which dry (harden) to a transparent or translucent film. Shellac varnishes are solutions of shellac or any other form of lac in a volatile solvent such as ethyl alcohol. Oleoresinous varnishes consist of resins dissolved in or reacted with a drying oil, to which thinners, driers, and plasticizers may be added. Cellulose-derivative varnishes (lacquers) are solutions of cellulose nitrate or other cellulose derivatives in a volatile solvent.</p> <p>4. The term "stains" in this subpart covers liquids containing transparent or semi-transparent pigments, dyes, or chemicals, chiefly used to deepen or otherwise alter the color of wood, but which will not obscure its grain, texture, or markings.</p> <p>-----</p> <p>Artists', students', and children's pigments and paints, in cakes, jars, pans, tubes, or other forms, and such pigments and paints assembled into sets with or without brushes, outline drawings, stencils, water pans, or other articles: In any form not over 1.5 pounds net weight each:</p>				
474.02	00	<p>Not assembled into sets: Valued under 20 cents per dozen pieces.....</p>	Doz.....	0.17¢ per piece	0.15¢ per piece (D) Free (A,E) 0.1¢ per piece (I)	0.75¢ per piece
474.04	00	<p>Valued 20 cents or more per dozen pieces: In jars or tubes.....</p>	Doz.....	0.5¢ per piece + 2.8% ad val.	Free (A,E,I)	2¢ per piece + 40% ad val.
474.06	00	<p>In cakes, pans, or other forms.....</p>	Doz.....	0.4¢ per piece + 3.6% ad val.	Free (A,E,I)	1.25¢ per piece + 40% ad val.
						(2nd Supp. 11/2/87)

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SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS

Part 9. - Dyeing and Tanning Products; Pigments and Pigment-Like Materials; Inks, Paints, and Related Products

4 - 9 - C
474.08 - 474.62

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
474.08	00	Artists', students', and children's pigments and paints, in cakes, jars, pans, tubes, or other forms, and such pigments and paints assembled into sets with or without brushes, outline drawings, stencils, water pans, or other articles (con.): In any form not over 1.5 pounds net weight each (con.): Assembled into sets with or without brushes, outline drawings, stencils, water pans, or other articles.....	X.....	6.5% ad val. on the entire set	Free (A,E,I)	70% ad val. on the entire set
474.20	00	Inks and ink powders:				
		Ink powders.....	Lb.....	Free		10% ad val.
474.22	00	Drawing ink.....	Lb.....	3.1% ad val.	Free (A,E,I)	15% ad val.
474.26		Other inks.....		1.8% ad val.	Free (A,E,I)	10% ad val.
	20	Printing and lithographic inks.....	Lb.			
	40	Other.....	Lb.			
474.30	00	Paints and enamel paints:				
		Not containing titanium pigments.....	Lb.....	3.1% ad val.	Free (A,E,I)	25% ad val.
474.35	00	Containing titanium pigments.....	Lb.....	4.9% ad val.	Free (A,E,I)	30% ad val.
474.40	00	Varnishes:				
		Shellac.....	Gal.....	3.1% ad val.	Free (A,E,I)	25% ad val.
474.42	00	Oleoresinous.....	Gal.....	Free		25% ad val.
474.44	00	Cellulose derivative.....	Lb.....	4c per lb.	Free (A,E,I)	30c per lb.
474.46	00	Other.....	Gal.....	Free		25% ad val.
474.50	00	Stains.....	Lb.....	3.1% ad val.	Free (A,E,I)	25% ad val.
474.60	00	Putty and similar caulking or glazing products:				
		Chalk whitening putty.....	Lb.....	Free		0.75c per lb.
474.62	00	Other.....	Lb.....	3.7% ad val.	Free (A,E,I)	20% ad val.

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
 Part 10. - Petroleum, Natural Gas, and Products Derived Therefrom

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		<p>PART 10. - PETROLEUM, NATURAL GAS, AND PRODUCTS DERIVED THEREFROM ^{1/}</p> <p><u>Part 10 headnotes:</u></p> <p>1. Any product described in this part and also in part 1 of this schedule is classifiable in said part 1, except fuel oils, motor fuel, and lubricating oils and greases, containing by weight not over 25 percent of any product described in said part 1. This part does not cover --</p> <p>(i) paraffin and other petroleum waxes (see part 13B of this schedule), or</p> <p>(ii) petroleum asphalts (see part 1J of schedule 5).</p> <p>2. For the purposes of this part --</p> <p>(a) "Reconstituted crude petroleum" (items 475.05 and 475.10) is a product which is essentially the equivalent of crude petroleum and which is made by adding fuel oil, naphtha, or other petroleum fractions to crude or topped crude petroleum; and</p> <p>(b) "Motor fuel" (item 475.25) is any product derived primarily from petroleum, shale, or natural gas, whether or not containing additives, which is chiefly used as a fuel in internal-combustion or other engines.</p> <p>3. For the purposes of items 475.65 and 475.70 of this part --</p> <p>(a) a product is considered to be <u>in liquid form</u> if --</p>				
<p>^{1/} Pres. Proc. 4766 of June 19, 1980, continues through December 31, 1980, the suspension of the system of license fees on petroleum and petroleum products established by Pres. Proc. 4210 (38 F.R. 9645) of February 1, 1975 and rescinds Pres. Proc. 4744 of April 2, 1980, in its entirety. However, the temporary suspension of duties pursuant to Pres. Proc. 4655 of April 6, 1979, as extended, has expired and such duties are, therefore, reimposed on July 1, 1980. For details of the February 1, 1975 action, including the system of fees for licenses, see Pres. Proc. 4210 (38 F.R. 9645), as modified by Pres. Proc. 4227 (38 F.R. 16195), Pres. Proc. 4317 (39 F.R. 35103), Pres. Proc. 4341 (49 F.R. 3965), Pres. Proc. 4355 (40 F.R. 10437), Pres. Proc. 4370 (40 F.R. 19420), Pres. Proc. 4377 (40 F.R. 23429), Pres. Proc. 4412 (41 F.R. 1037), Pres. Proc. 4543 (42 F.R. 64849), and Pres. Proc. 4629 (43 F.R. 58077).</p>						

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS

Part 10. - Petroleum, Natural Gas, and Products Derived Therefrom

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		<p>(i) the penetration is more than 350 units (35 millimeters) when tested by the procedure and equipment specified in American Society of Testing Materials (ASTM) Designation: D-5 with the use of a 50-gram load for 1 second at 77°F., or when tested by a procedure which provides equivalent results, and</p> <p>(ii) such product is not in an essentially gaseous state at a temperature of 60°F. and at a pressure of 14.65 pounds per square inch (absolute), regardless of the condition of the product at the time of importation; and</p> <p>(b) in determining the relative weights of components of the mixtures provided for in items 475.65 and 475.70, naphtha and other petroleum derivatives which may be present in such mixtures as solvents shall be disregarded.</p> <p>4. (a) For purposes of this headnote, the term "petroleum" means crude petroleum (including reconstituted crude petroleum) or crude shale oil provided for in items 475.05 or 475.10.</p> <p>(b) Petroleum shall, if a product of Canada, be admitted free of duty and any entry therefor shall be liquidated or reliquidated accordingly if, on or before the 180th day after the date of entry, documentation is filed with the customs officer concerned establishing that, pursuant to a commercial exchange agreement between United States and Canadian refiners which has been approved by the Secretary of Energy--</p> <p>(i) an import license for the petroleum covered by such entry has been issued by the Secretary; and</p> <p>(ii) an equivalent amount of domestic petroleum or duty-paid foreign petroleum has, pursuant to such commercial exchange agreement and to an export license issued by the Secretary of Commerce, been exported from the United States to Canada and has not previously been used to effect the duty-free entry of like Canadian products under this headnote.</p> <p>(c) The Secretary of the Treasury, after consulting with the Secretary of Commerce and the Secretary of Energy, shall issue such rules or regulations as may be necessary governing the admission of Canadian products pursuant to the provisions of this headnote.</p> <p><u>Part 10 statistical headnote:</u></p> <p>1. For the purposes of this part the term barrel (Bbl.) means a barrel of 42 U.S. standard gallons measured at 60°F.</p>				

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
 Part 10. - Petroleum, Natural Gas, and Products Derived Therefrom

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
475.05	10	Crude petroleum (including reconstituted crude petroleum); topped crude petroleum; crude shale oil; and distillate and residual fuel oils (including blended fuel oils) derived from petroleum, shale, or both, with or without additives:				
		Testing under 25 degrees A.P.I.....	.....	0.125¢ per gal.	Free (I)	0.5¢ per gal.
		Crude petroleum (including reconstituted crude petroleum) and crude shale oil.....	Bbl.			
		Other:				
475.10	10	Having a Saybolt Universal viscosity at 100°F. of 45 seconds or more but not more than 125 seconds (No. 4-type fuel oils).....	Bbl.			
		Having a Saybolt Universal viscosity at 100°F. of more than 125 seconds (heavy fuel oils).....	Bbl.			
		Other.....	Bbl.			
		Testing 25 degrees A.P.I. or more.....	.....	0.25¢ per gal.	Free (I)	0.5¢ per gal.
475.15	15	Crude petroleum (including reconstituted crude petroleum) and crude shale oil.....	Bbl.			
		Other:				
		Having a Saybolt Universal viscosity at 100°F. of less than 45 seconds (light fuel oils).....	Bbl.			
		Having a Saybolt Universal viscosity at 100°F. of 45 seconds or more but not more than 125 seconds (No. 4-type fuel oils).....	Bbl.			
475.15	05	Having a Saybolt Universal viscosity at 100°F. of more than 125 seconds (heavy fuel oils).....	Bbl.			
		Natural gas, methane, ethane, propane, butane, and mixtures thereof.....	.....	Free		Free
		Natural gas, methane and mixtures thereof (including liquefied natural gas and synthetic or substitute natural gas).....	MCF <u>1</u> /			
	15	Ethane with a minimum purity of 95 liquid volume percent.....	Bbl.			

1/ Thousand cubic feet.

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475.15 - 475.70

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
475.15 (con.)		Natural gas, methane, ethane, propane, butane, and mixtures thereof (con.):				
	25	Propane with a minimum purity of 90 liquid volume percent.....	Bbl.			
	35	Butane with a minimum purity of 90 liquid volume percent.....	Bbl.			
		Other:				
	45	Mixtures containing more than 90 liquid volume percent of propane and butane.....	Bbl.			
	50	Mixtures containing more than 90 liquid volume percent of ethane and propane.....	Bbl.			
	55	Other.....	X			
475.25		Motor fuel.....		1.25¢ per gal.	Free (I)	2.5¢ per gal.
		Gasoline:				
	24	Leaded.....	Bbl.			
	28	Unleaded.....	Bbl.			
	30	Jet fuel, naphtha-type.....	Bbl.			
	50	Jet fuel, kerosene-type.....	Bbl.			
	60	Other.....	Bbl.			
475.30	00	Kerosene derived from petroleum, shale oil, or both (except motor fuel).....	Bbl.....	0.25¢ per gal.	Free (I)	0.5¢ per gal.
475.35	00	Naphtha derived from petroleum, shale oil, natural gas, or combinations thereof (except motor fuel).....	Bbl.....	0.25¢ per gal.	Free (I)	0.5¢ per gal.
475.40	00	Mineral oil of medicinal grade derived from petroleum, shale oil, or both.....	Gal.....	0.2¢ per gal.	Free (I)	0.5¢ per gal.
		Lubricating oils and greases, derived from petroleum, shale oil, or both, with or without additives:				
475.45	00	Oils.....	Bbl.....	2¢ per gal.	Free (I)	4¢ per gal.
		Greases:				
475.55	00	Containing not over 10 percent by weight of salts of fatty acids of animal (including marine animal) or vegetable origin.....	Lb.....	5.8% ad val.	Free (A,I)	20% ad val.
475.60	00	Other.....	Lb.....	0.6¢ per lb. + 5.7% ad val.	Free (A,I)	2¢ per lb. + 20% ad val.
		Mixtures of hydrocarbons not specially provided for, derived wholly from petroleum, shale oil, natural gas, or combinations thereof, which contain by weight not over 50 percent of any single hydrocarbon compound:				
475.65		In liquid form.....		0.25¢ per gal.	Free (I)	0.5¢ per gal.
	10	Condensate derived wholly from natural gas....	Bbl.			
	30	Other.....	Bbl.			
475.70	00	In other than liquid form.....	Lb.....	Free		Free

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 11. - Fertilizers and Fertilizer Materials

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
PART 11. - FERTILIZERS AND FERTILIZER MATERIALS						
<u>Part 11 headnote:</u>						
1. The articles described in this part are classifiable hereunder whether or not obtained, derived, or manufactured in whole or in part from any product described in part 1 of this schedule.						
480.05	00	Limestone, crude, broken, or crushed, when imported to be used in the manufacture of fertilizer.....	S. ton..	Free		Free
480.10	00	Manures, including guano.....	S. ton..	Free		Free
480.15	00	Calcium cyanamide or lime nitrogen.....	S. ton..	Free		Free
480.20	00	Calcium nitrate.....	S. ton..	Free		Free
480.25	00	Sodium nitrate.....	S. ton..	Free		Free
480.30	00	Urea.....	S. ton..	Free		Free
480.35	00	Basic slag.....	S. ton..	Free		Free
480.40	00	Bone ash, bone dust, and bone meal.....	S. ton..	Free		Free
480.45	00	Phosphates, crude, and apatite.....	S. ton..	Free		Free
480.50	00	Potassium chloride or muriate of potash.....	S. ton..	Free		Free
480.55	00	Potassium sulfate.....	S. ton..	Free		Free
480.60	00	Potassium nitrate or saltpeter, crude.....	S. ton..	Free		Free
Those grades of all substances (other than are described in the foregoing items of this part) used chiefly for fertilizers, or chiefly as an ingredient in the manufacture of fertilizers:						
480.65		Nitrogenous fertilizers and fertilizer materials.....		Free		Free
	10	Ammonium nitrate.....	S. ton			
	20	Ammonium nitrate-limestone mixtures.....	S. ton			
	30	Ammonium sulfate.....	S. ton			
	40	Anhydrous ammonia.....	S. ton			
	50	Nitrogen solutions.....	S. ton			
	60	Other.....	S. ton			

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SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 11. - Fertilizers and Fertilizer Materials

4 - 11 --
480.70 - 480.80

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
480.70	10 30 50	Those grades of all substances (other than are described in the foregoing items of this part) used chiefly for fertilizers, or chiefly as an ingredient in the manufacture of fertilizers (con.):				
		Phosphatic fertilizers and fertilizer materials.....	S. ton	Free	Free	
		Phosphoric acid.....	S. ton			
		Normal and enriched superphosphates, less than 40% available phosphorus pentoxide (P ₂ O ₅) equivalent.....	S. ton			
		Concentrated superphosphates, 40% or more available phosphorus pentoxide (P ₂ O ₅) equivalent.....	S. ton			
480.75 480.80	70 00	Other.....	S. ton			
		Potassic fertilizers and fertilizer materials.....	S. ton..	Free	Free	
480.80	00 05 15 20 30 60 70 95	Other.....		Free	Free	
		Chemically compounded or mixed, containing two or more major plant foods (nitrogen, phosphorus, and potassium):				
		Ammonium phosphates:				
		Diammonium.....	S. ton			
		Other.....	S. ton			
		Potassium nitrate-sodium nitrate mixtures.....	S. ton			
		Other.....	S. ton			
		Peat moss.....	S. ton			
		Natural fertilizers, of animal or vegetable origin, not specially provided for.....	S. ton			
		Other.....	S. ton			

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SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
Part 12. - Explosives

Item	Stat. Suf-fix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
PART 12. - EXPLOSIVES						
Part 12 headnote:						
1. This part covers all explosives except those which are provided for in part 1C (items 408.00 to 408.08, inclusive) of this schedule.						
485.10	00	Dynamite and other high explosives, put up in cartridges, sticks, or other forms, suitable for blasting.....	Lb.....	Free		1.25¢ per lb.
485.20	00	Azides, fulminates, and other explosives chiefly used as detonators for high explosives and in percussion caps and primers to ignite low explosives.....	Lb.....	3¢ per lb.	Free (A,E,I)	12.5¢ per lb.
485.30	00	Smokeless powders.....	Lb.....	7.2% ad val.	Free (A,E) 2.9% ad val.(I)	60% ad val.
485.40	00	Gunpowder.....	Lb.....	Free		Free
485.50		Explosive substances not specially provided for.....	.....	Free		Free
	20	Ammonium nitrate, fuel sensitized.....	Lb.			
	40	Watergels and slurries.....	Lb.			
	60	Other.....	Lb.			

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TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
 Part 13. - Fatty Substances, Camphor, Chars and Carbons,
 Isotopes, Waxes, and Other Products

Page 4-111
 4 - 13 - A
 490.05 - 490.26

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		<p>PART 13. - FATTY SUBSTANCES, CAMPHOR, CHARS AND CARBONS, ISOTOPES, WAXES, AND OTHER PRODUCTS</p> <p><u>Part 13 headnote:</u></p> <p>1. Any product described in this part and also in part 1 of this schedule is classifiable under the said part 1, except any product provided for in item 493.10, 493.75, 494.50, 494.52, or 494.60, and except any product provided for in subpart C of this part.</p>				
490.05	00	Fats, oils, and greases, all the foregoing, of animal (including marine animal) or vegetable origin, which have been halogenated, nitrated, or vulcanized.....	Lb.....	7.4% ad val.	Free (A,E) 3% ad val.(I)	20% ad val.
		Fatty substances, not sulfonated or sulfated, and not specially provided for: Fatty acids:				
		Of animal (including marine animal) origin:				
490.10	00	Oleic acid.....	Lb.....	1.5¢ per lb. + 5% ad val.	Free (A,E,I)	3¢ per lb. + 20% ad val.
490.12	00	Stearic acid.....	Lb.....	1.5¢ per lb. + 6% ad val.	Free (A,E,I)	3¢ per lb. + 25% ad val.
490.14	00	Other.....	Lb.....	0.5¢ per lb. + 3.2% ad val.	Free (E,I)	3¢ per lb. + 20% ad val.
		Of vegetable origin:				
490.20	00	Derived from linseed oil.....	Lb.....	2.2¢ per lb. + 5% ad val.	Free (E,I)	4.5¢ per lb. + 20% ad val.
490.22	00	Derived from hempseed, kapok, perilla, rapeseed, sesame, or sunflower oil.....	Lb.....	1.1¢ per lb. + 5% ad val.	Free (E,I)	4.5¢ per lb. + 20% ad val.
490.24		Derived from coconut, palm-kernel, or palm oil.....	.....	5% ad val.	Free (A,E,I)	20% ad val.
	02	Palmitic acid.....	Lb.			
	04	Lauric acid.....	Lb.			
	06	Stearic acid.....	Lb.			
	08	Other.....	Lb.			
490.26		Other.....	.....	5% ad val.	Free (E,I)	20% ad val.
	10	Derived from tall oil: Containing less than 2 percent rosin.....	Lb.			
	20	Other.....	Lb.			
	50	Other: Containing 90 percent or more by weight of a single acid.....	Lb.			
	70	Other.....	Lb.			

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

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SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
 Part 13. - Fatty Substances, Camphor, Chars and Carbons,
 Isotopes, Waxes, and Other Products

4 - 13 - A
 490.30 - 491.00

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		Fatty substances, etc. (con.):				
		Salts:				
		Of animal (including marine animal) origin:				
490.30	00	Lithium stearate.....	Lb.....	3.7% ad val.	Free (A,E,I)	28% ad val.
490.32	00	Other.....	Lb.....	4.2% ad val.	Free (A,E,I)	29.5% ad val.
		Of vegetable origin:				
		Derived from linseed oil:				
490.40	00	Cobalt linoleate.....	Lb.....	3.6¢ per lb.	Free (A,E,I)	14.5¢ per lb.
490.42	00	Lead linoleate.....	Lb.....	5.8% ad val.	Free (A,E,I)	34.5% ad val.
490.44	00	Other.....	Lb.....	6.2% ad val.	Free (A,E,I)	50% ad val.
490.46	00	Derived from hempseed, kapok, perilla, rapeseed, sesame, or sunflower oil.....	Lb.....	4% ad val.	Free (A,E,I)	27.5% ad val.
490.48	00	Derived from coconut, palm-kernel, or palm oil.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
490.50	00	Other.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
		Fatty alcohols of animal (including marine animal) or vegetable origin:				
490.65	00	Oleyl.....	Lb.....	7.9% ad val.	Free (E,I)	39.5% ad val.
		Other:				
490.73	00	Derived from coconut, palm-kernel, or palm oil.....	Lb.....	5% ad val.	Free (E,I)	25% ad val.
490.75	00	Other.....	Lb.....	5% ad val.	Free (E,I)	25% ad val.
		Esters:				
490.90	00	Of animal (including marine animal) origin....	Lb.....	3.8% ad val.	Free (A,E,I)	27% ad val.
		Of vegetable origin:				
490.92	00	Derived from coconut, palm-kernel, or palm oil.....	Lb.....	3.7% ad val.	Free (A,E,I)	25% ad val.
490.94	00	Other.....	Lb.....	3.7% ad val.	Free (A*,E,I)	25% ad val.
491.00	00	Artificial mixtures of two or more of the fatty substances provided for in this subpart or in part 8A of this schedule, not specially provided for....	Lb.....	5% ad val., but not less than the highest rate applicable to any component	Free (E,I)	25% ad val., but not less than the highest rate applicable to any component

(1st supp. 6/10/87)

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
 Part 13. - Fatty Substances, Camphor, Chars and Carbons,
 Isotopes, Waxes, and Other Products

Page 4-113
 4 - 13 - B
 493.02 - 493.22

Item	Stat. Suf-fix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		Subpart B. - Camphor, Chars and Carbons, Isotopes, Waxes, and Other Products				
		<u>Subpart B headnote:</u>				
		1. For the purposes of this part -- (a) the term "crude", in items 493.02, 493.20, and 493.55, has the same meaning as is given for that term in headnote 3(c) of part 3 of this schedule; and (b) the term "advanced" in items 493.04, 493.21, and 493.56, has the same meaning as is given for that term in headnote 3(d) in part 3 of this schedule.				

493.02	00	Barbasco or cube root, and derris, tube or tuba root: Crude.....	Lb.....	Free		Free
493.04	00	Advanced.....	Lb.....	Free		10% ad val.
493.10	00	Blackings, powders, liquids, and creams for polishing and cleaning, all the foregoing in immediate containers holding not over 10 pounds each.....	X.....	2.5% ad val.	Free (A,E,I)	25% ad val.
		Casein and mixtures in chief value thereof (other than a product described in item 118.45):				
493.12	00	Casein.....	Lb.....	Free		Free
		Other:				
493.14	00	Dried milk (described in items 115.45, 115.50, 115.55, and 118.05) which contains not over 5.5 percent by weight of butterfat and which is mixed with other ingredients, including but not limited to sugar, if such mixtures contain over 16 percent milk solids by weight, are capable of being further processed or mixed with similar or other ingredients and are not prepared for marketing to the retail consumers in the identical form and package in which imported 1/.....	Lb.....	1.3¢ per lb.	Free (A,E,I)	5.5¢ per lb.
493.17	00	Other.....	Lb.....	0.2¢ per lb.	Free (A,E,I)	5.5¢ per lb.
493.18	00	Cellulose compounds, not specially provided for.....	Lb.....	4.2% ad val.	Free (A,E,I)	33.5% ad val.
		Camphor:				
		Natural:				
493.20	00	Crude.....	Lb.....	0.4¢ per lb.	Free (A,E,I)	1¢ per lb.
493.21	00	Advanced.....	Lb.....	Free		5¢ per lb.
493.22	00	Synthetic.....	Lb.....	2.6% ad val.	Free (A,E,I)	11% ad val.
		1/ Imports of certain dried milk mixtures are subject to additional import restrictions. See item 950.19 in part 3, Appendix to the Tariff Schedules.				

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SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
 Part 13. - Fatty Substances, Camphor, Chars and Carbons,
 Isotopes, Waxes, and Other Products

4 - 13 - B
 493.25 - 493.82

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
493.25	00	Chars and carbons:				
		Bone char.....	Lb.....	5.8% ad val.	Free (A,E,I)	20% ad val.
493.26		Decolorizing and gas or vapor absorbing chars and carbons, whether or not activated.....	.....	4.8% ad val.	Free (A,E,I)	45% ad val.
	20	Activated carbon.....	Lb.			
	40	Other.....	Lb.			
493.30	00	Dextrine and soluble or chemically treated starches.....	Lb.....	0.5¢ per lb.	Free (A,E,I)	3¢ per lb.
493.35	00	Fibrin.....	Lb.....	Free		Free
493.40	00	Mineral salts obtained by evaporation from the waters of a designated mineral spring.....	Lb.....	Free		Free
493.42	00	Preparations containing over 50 percent by weight of monosodium glutamate.....	X.....	16% ad val.	Free (E) 5.1% ad val.(I)	25% ad val.
		Pitch:				
493.45	00	Burgundy.....	Lb.....	Free		Free
493.46	00	Marine glue.....	Lb.....	5.1% ad val.	Free (A,E,I)	20% ad val.
493.47	00	Wood.....	Lb.....	0.4¢ per lb.	Free (A,E,I)	1¢ per lb.
493.50		Products chiefly used as assistants in preparing or finishing textiles, not specially provided for.....	.....	6% ad val.	Free (A,E,I)	25% ad val.
		Not artificially mixed:				
	20	Synthetic organic chemical compounds.....	Lb.			
	50	Other.....	Lb.			
	80	Other.....	Lb.			
		Pyrethrum or insect flowers:				
493.55	00	Crude.....	Lb.....	Free		Free
493.56	00	Advanced.....	Lb.....	Free		10% ad val.
		Polysaccharides, rare saccharides, and their polyhydric alcohols:				
493.65	00	Lactose.....	Lb.....	10% ad val.	Free (E) 3.2% ad val.(I)	50% ad val.
493.66	00	Levulose.....	Lb.....	15% ad val.	Free (E) 6% ad val.(I)	50% ad val.
493.67	00	Salicin.....	Oz.....	3.4% ad val.	Free (A,E,I)	50% ad val.
493.68		Other.....	.....	5.8% ad val.	Free (A,E,I)	50% ad val.
	05	Inositol.....	Lb.			
	10	Mannitol.....	Lb.			
	20	Sorbitol.....	Lb.			
	30	Alpha cellulose in granular, micro-crystalline or powdered forms.....	Lb.			
	50	Other.....	Lb.			
493.75	00	Sheep dip.....	Lb.....	Free		Free
493.82	00	Tall oil.....	X.....	Free		20% ad val.

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
 Part 13. - Fatty Substances, Camphor, Chars and Carbons,
 Isotopes, Waxes, and Other Products

Item	Stat. Suf-fix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		Waxes, animal (including marine animal), vegetable, and mineral, and artificial mixtures thereof:				
		Animal waxes:				
		Beeawax:				
494.02	00	Not bleached.....	Lb.....	Free		Free
494.04	00	Bleached.....	Lb.....	7.5% ad val.	Free (A,E,I)	30% ad val.
494.06	00	Spermaceti wax.....	Lb.....	1.2¢ per lb.	Free (E,I)	3.5¢ per lb.
494.08	00	Other.....	Lb.....	Free		Free
		Vegetable waxes:				
494.10	00	Candelilla.....	Lb.....	Free		Free
494.12	00	Carnauba.....	Lb.....	Free		Free
494.14	00	Japan.....	Lb.....	Free		Free
494.16	00	Ouricury.....	Lb.....	Free		Free
494.18	00	Other.....	Lb.....	Free		Free
		Mineral waxes:				
494.20	00	Montan.....	Lb.....	Free		Free
494.22	00	Paraffin and other petroleum waxes.....	Lb.....	Free		1¢ per lb.
494.24	00	Other.....	Lb.....	Free		Free
494.30	00	Artificial mixtures of two or more of the foregoing waxes.....	Lb.....	The highest rate applicable to any component wax	Free (E,I)	The highest rate applicable to any component wax
494.40	00	Wood tar oil and wood tar.....	Lb.....	0.4¢ per lb.	Free (A,E,I)	1¢ per lb.
494.50		Chemical elements, isotopes, and compounds, all the foregoing (except natural thorium and uranium in a metallic state, and except compounds of natural thorium and uranium), whether or not described elsewhere in this schedule, which are usefully radioactive.....	.....	Free		Free
	20	With cobalt-60 radioactivity only.....	Curie			
	40	Other.....	Mc.			
494.52	00	Non-radioactive isotopes and their compounds, whether or not described elsewhere in this schedule.....	X.....	Free		25% ad val.
494.60		Cements, not specially provided for.....	.....	2.1% ad val.	Free (A,E,I)	20% ad val.
	20	Put up for retail sale in packages with a net weight of 36 ounces or less.....	Lb.			
	40	Other.....	Lb.			

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SCHEDULE 4. - CHEMICALS AND RELATED PRODUCTS
 Part 13. - Fatty Substances, Camphor, Chars and Carbons,
 Isotopes, Waxes, and Other Products

4 - 13 - C

495.05 - 495.20

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
Subpart C. - Miscellaneous Medical Supplies						
495.05	00	Wadding, gauze, bandages, dressing, plasters, and similar articles coated or impregnated with medicinals.....	Lb.....	2.4% ad val.	Free (A,E,I)	20% ad val.
495.10	00	Surgical sutures, surgical suture materials, and absorbable surgical hemostats, all the foregoing which are sterile.....	X.....	3.5% ad val.	Free (A,E,I)	40% ad val.
495.15	00	Dental cements.....	Lb.....	3.1% ad val.	Free (A,E,I)	20% ad val.
495.20	00	First-aid kits put up and packaged for retail sale.....	X.....	5.8% ad val.	Free (A,E,I)	45% ad val.