

## Section VI – Chapter 38

### Miscellaneous Chemical Products

#### Notes

1. This chapter does not cover:
  - (a). Separate chemically defined elements or compounds with the exception of the following:
    - (1). Artificial graphite (heading 3801);
    - (2). Insecticides, rodenticides, fungicides, herbicides, antisprouting products and plant-growth regulators, disinfectants and similar products put up as described in heading 3808;
    - (3). Products put up as charges for fire-extinguishers or put up in fire-extinguishing grenades (heading 3813);
    - (4). Certified reference materials specified in note 2 below;
    - (5). Products specified in note (3a) or (3c) below.
  - (b). Mixtures of chemicals with foodstuffs or other substances with nutritive value, of a kind used in the preparation of human foodstuffs (generally, heading 2106);
  - (c). Slag, ash and residues (including sludge, other than sewage sludge), containing metals, arsenic or their mixtures and meeting the requirements of note (3a) or (3b) to chapter 26 (heading 2620);
  - (d). Medicaments (heading 3003 or 3004); or
  - (e). Spent catalysts of a kind used for the extraction of base metals or for the manufacture of chemical compounds of base metals (heading 2620), spent catalysts of a kind used principally for the recovery of precious metal (heading 7112) or catalysts consisting of metals or metal alloys in the form of, for example, finely divided powder or woven gauze (section XIV or XV).
2. (a). For the purposes of heading 3822, the expression “certified reference materials” means reference materials which are accompanied by a certificate which indicates the values of the certified properties, the methods used to determine these values and the degree of certainty associated with each value and which are suitable for analytical, calibrating or referencing purposes.
- (b). With the exception of the products of chapter 28 or 29, for the classifications of certified reference materials, heading 3822 shall take precedence over any other heading in the Schedule B.

## Section VI – Chapter 38

3. Heading 3824 includes the following goods which are not to be classified in any other heading of the export schedule:
  - (a). Cultured crystals (other than optical elements) weighing not less than 2.5 g each, of magnesium oxide or of the halides of the alkali or alkaline-earth metals;
  - (b). Fusel oil; Dippel's oil;
  - (c). Ink removers put up in packings for retail sale;
  - (d). Stencil correctors and other correcting fluids put up in packings for retail sale; and
  - (e). Ceramic firing testers, fusible (for example, Seger cones).
4. Throughout the Schedule B, “municipal waste” means waste of a kind collected from households, hotels, restaurants, hospitals, shops, offices, etc., road and pavement sweepings, as well as construction and demolition waste. Municipal waste generally contains a large variety of materials such as plastics, rubber, wood, paper, textiles, glass, metals, food materials, broken furniture and other damaged or discarded articles. The term “municipal waste”, however, does not cover:
  - (a). Individual materials or articles segregated from the waste, such as wastes of plastics, rubber, wood, paper, textiles, glass or metals and spent batteries, which fall in their appropriate headings of the Schedule B;
  - (b). Industrial waste;
  - (c). Waste pharmaceuticals, as defined in note 4(k) to chapter 30; or
  - (d). Clinical waste, as defined in note 6(a) below.
5. For the purposes of heading 3825, “sewage sludge” means sludge arising from urban effluent treatment plants and includes pre-treatment waste, scouring and unstabilized sludge. Stabilized sludge, when suitable for use as fertilizer, is excluded (chapter 31).
6. For the purposes of heading 3825, the expression “other wastes” applies to:
  - (a). Clinical waste, that is, contaminated waste arising from medical research, diagnosis, treatment or other medical, surgical, dental or veterinary procedures, which often contain pathogens and pharmaceutical substances and require special disposal procedures (for example, soiled dressings, used gloves and used syringes);
  - (b). Waste organic solvents;

## Section VI – Chapter 38

- (c). Wastes of metal pickling liquors, hydraulic fluids, brake fluids and anti-freezing fluids; and
- (d). Other wastes from chemical or allied industries.

The expression “other wastes” does not, however, cover wastes which contain mainly petroleum oils or oils obtained from bituminous minerals (heading 2710).

### Subheading Notes

1. Subheading 3808.50 covers only goods of heading 3808, containing one or more of the following substances: aldrin (ISO); binapacryl (ISO); camphechlor (ISO) (toxaphene); captafol (ISO); chlordane (ISO); chlordimeform (ISO); chlorobenzilate (ISO); DDT (ISO) (clofenotane (INN), 1,1,1-trichloro-2,2-bis(p-chlorophenyl)ethane); dieldrin (ISO, INN); dinoseb (ISO), its salts or its esters; ethylene dibromide (ISO) (1,2-dibromoethane); ethylene dichloride (ISO) (1,2-dichloroethane); fluoroacetamide (ISO); heptachlor (ISO); hexachlorobenzene (ISO); 1,2,3,4,5,6-hexachlorocyclohexane (HCH (ISO)), including lindane (ISO, INN); mercury compounds; methamidophos (ISO); monocrotophos (ISO); oxirane (ethylene oxide); parathion (ISO); parathion-methy (ISO) (methy-parathion); pentachlorophenol (ISO); phosphamidon (ISO); 2,4,5-T (ISO) (2,4,5-trichlorophenoxyacetic acid), its salts or its esters.
2. For the purposes of subheadings 3825.41 and 3825.49, “waste organic solvents” are wastes containing mainly organic solvents, not fit for further use as presented as primary products, whether or not intended for recovery of the solvents.

Section VI – Chapter 38

Schedule B No. and Headings	Commodity Description	Unit of Quantity
3801	Artificial graphite; colloidal or semi-colloidal graphite; preparations based on graphite or other carbon in the form of pastes, blocks, plates or other semimanufactures:	
3801.10.0000	Artificial graphite .....	kg
3801.20.0000	Colloidal or semi-colloidal graphite .....	kg
3801.30.0000	Carbonaceous pastes for electrodes and similar pastes for furnace linings .....	kg
3801.90.0000	Other .....	kg
3802	Activated carbon; activated natural mineral products; animal black, including spent animal black:	
3802.10.0000	Activated carbon .....	kg
3802.90	Other:	
3802.90.1000	Bone black .....	kg
3802.90.2000	Activated clays and activated earths .....	kg
3802.90.5000	Other .....	kg
3803.00.0000	Tall oil, whether or not refined .....	kg
3804	Residual lyes from the manufacture of wood pulp, whether or not concentrated, desugared or chemically treated, including lignin sulfonates, but excluding tall oil of heading 3803:	
3804.00.1000	Lignin sulfonic acid and its salts .....	kg
3804.00.5000	Other .....	kg

Section VI – Chapter 38

Schedule B No. and Headings	Commodity Description	Unit of Quantity
3805	Gum, wood or sulfate turpentine and other terpenic oils produced by the distillation or other treatment of coniferous woods; crude dipentene; sulfite turpentine and other crude para-cymene; pine oil containing alpha-terpineol as the main constituent:	
3805.10.0000	Gum, wood or sulfate turpentine oils .....	liter
3805.90	Other:	
3805.90.1000	Pine oil .....	kg
3805.90.5000	Other .....	kg
3806	Rosin and resin acids, and derivatives thereof; rosin spirit and rosin oils; run gums:	
3806.10	Rosin and resin acids:	
3806.10.0010	Gum rosin .....	kg
3806.10.0050	Other .....	kg
3806.20.0000	Salts of rosin, of resin acids or of derivatives of rosin or resin acids, other than salts of rosin adducts .....	kg
3806.30.0000	Ester gums .....	kg
3806.90.0000	Other .....	kg
3807.00.0000	Wood tar; wood tar oils; wood creosote; wood naphtha; vegetable pitch; brewers' pitch and similar preparations based on rosin, resin acids or on vegetable pitch .....	kg

Section VI – Chapter 38

Schedule B No. and Headings	Commodity Description	Unit of Quantity
3808	Insecticides, rodenticides, fungicides, herbicides, antisprouting products and plant-growth regulators, disinfectants and similar products, put up in forms or packings for retail sale or as preparations or articles (for example, sulfur-treated bands, wicks and candles, and flypapers):	
3808.50.0000	Goods specified in subheading note 1 to this chapter ..... Other:	kg
3808.91.0000	Insecticides .....	kg
3808.92.0000	Fungicides .....	kg
3808.93.0000	Herbicides, antisprouting products and plant-growth regulators .....	kg
3808.94.0000	Disinfectants .....	kg
3808.99.0000	Other .....	kg
3809	Finishing agents, dye carriers to accelerate the dyeing or fixing of dyestuffs and other products and preparations (for example, dressings and mordants), of a kind used in the textile, paper, leather or like industries, not elsewhere specified or included:	
3809.10.0000	With a basis of amylaceous substances .....	kg
	Other:	
3809.91.0000	Of a kind used in the textile or like industries .....	kg
3809.92.0000	Of a kind used in the paper or like industries .....	kg
3809.93.0000	Of a kind used in the leather or like industries .....	kg

Section VI – Chapter 38

Schedule B No. and Headings	Commodity Description	Unit of Quantity
3810	Pickling preparations for metal surfaces; fluxes and other auxiliary preparations for soldering, brazing or welding; soldering, brazing or welding powders and pastes consisting of metal and other materials; preparations of a kind used as cores or coatings for welding electrodes or rods:	
3810.10.0000	Pickling preparations for metal surfaces; soldering, brazing or welding powders and pastes consisting of metal and other materials .....	kg
3810.90.0000	Other .....	kg
3811	Antiknock preparations, oxidation inhibitors, gum inhibitors, viscosity improvers, anticorrosive preparations and other prepared additives, for mineral oils (including gasoline) or for other liquids used for the same purposes as mineral oils:	
	Antiknock preparations:	
3811.11.0000	Based on lead compounds .....	kg
3811.19.0000	Other .....	kg
	Additives for lubricating oils:	
3811.21.0000	Containing petroleum oils or oils obtained from bituminous minerals .....	kg
3811.29.0000	Other .....	kg
3811.90.0000	Other .....	kg

Section VI – Chapter 38

Schedule B No. and Headings	Commodity Description	Unit of Quantity
3812	Prepared rubber accelerators; compound plasticizers for rubber or plastics not elsewhere specified or included, antioxidizing preparations and other compound stabilizers for rubber or plastics:	
3812.10.0000	Prepared rubber accelerators .....	kg
3812.20.0000	Compound plasticizers for rubber or plastics .....	kg
3812.30.0000	Antioxidizing preparations and other compound stabilizers for rubber or plastics .....	kg
3813.00.0000	Preparations and charges for fire-extinguishers; charged fire-extinguishing grenades .....	kg
3814.00.0000	Organic composite solvents and thinners, not elsewhere specified or included; prepared paint or varnish removers .....	kg
3815	Reaction initiators, reaction accelerators and catalytic preparations, not elsewhere specified or included:	
	Supported catalysts:	
3815.11.0000	With nickel or nickel compounds as the active substance .....	kg
3815.12.0000	With precious metal or precious metal compounds as the active substance .....	kg
3815.19.0000	Other .....	kg
3815.90.0000	Other .....	kg
3816	Refractory cements, mortars, concretes, and similar compositions, other than products of heading 3801:	
3816.00.0010	Of clay .....	kg
3816.00.0050	Other .....	kg

Section VI – Chapter 38

Schedule B No. and Headings	Commodity Description	Unit of Quantity
3817	Mixed alkylbenzenes and mixed alkylnaphthalenes, other than those of heading 2707 or 2902:	
3817.00.1250	Mixed alkylbenzenes .....	kg
3817.00.2000	Mixed alkylnaphthalenes .....	kg
3818.00.0000	Chemical elements doped for use in electronics, in the form of discs, wafers or similar forms; chemical compounds doped for use in electronics .....	kg
3819.00.0000	Hydraulic brake fluids and other prepared liquids for hydraulic transmission, not containing or containing less than 70 percent by weight of petroleum oils or oils obtained from bituminous minerals .....	kg
3820.00.0000	Antifreezing preparations and prepared deicing fluids .....	kg
3821.00.0000	Prepared culture media for development or maintenance of microorganisms (including viruses and the like) or of plant, human or animal cells .....	kg
3822.00.0002	Diagnostic or laboratory reagents on a backing, prepared diagnostic or laboratory reagents whether or not on a backing, other than those of heading 3002 or 3006; certified reference materials .....	X <sup>2</sup>
3823	Industrial monocarboxylic fatty acids; acid oils from refining; industrial fatty alcohols:	
	Industrial monocarboxylic fatty acids; acid oils from refining:	
3823.11.0000	Stearic acid .....	kg
3823.12.0000	Oleic acid .....	kg
3823.13.0000	Tall oil fatty acids .....	kg

Revised 01/01/09

Section VI – Chapter 38

Schedule B No. and Headings	Commodity Description	Unit of Quantity
3823 (con.)	Industrial monocarboxylic fatty acids; acid oils from refining; industrial fatty alcohols (con.):	
3823.19	Other:	
3823.19.2000	Derived from coconut, palm-kernel or palm oil .....	kg
3823.19.4000	Other .....	kg
3823.70	Industrial fatty alcohols: Derived from fatty substances of animal or vegetable origin:	
3823.70.2000	Oleyl alcohol .....	kg
3823.70.4000	Other .....	kg
3823.70.6000	Other .....	kg
3824	Prepared binders for foundry molds or cores; chemical products and preparations of the chemical or allied industries (including those consisting of mixtures of natural products), not elsewhere specified or included:	
3824.10.0000	Prepared binders for foundry molds or cores .....	kg
3824.30.0000	Nonagglomerated metal carbides mixed together or with metallic binders .....	kg
3824.40.0000	Prepared additives for cements, mortars or concretes .....	kg
3824.50	Nonrefractory mortars and concretes:	
3824.50.0010	Wet .....	t
3824.50.0050	Other .....	t
3824.60.0000	Sorbitol other than that of subheading 2905.44 .....	kg

Section VI – Chapter 38

Schedule B No. and Headings	Commodity Description	Unit of Quantity
3824 (con.)	Prepared binders for foundry molds or cores; chemical products and preparations of the chemical or allied etc. – (con.):	
	Mixtures containing perhalogenated derivatives of acyclic hydrocarbons containing two or more different halogens:	
3824.71.0100	Containing chlorofluorocarbons (CFCs), whether or not containing hydrochlorofluorocarbons (HCFCs), perfluorocarbons (PFCs) or hydrofluorocarbons (HFCs) .....	kg
3824.72.0000	Containing bromochlorodifluoromethane, bromotrifluoromethane or dibromotetrafluoroethanes .....	kg
3824.73.0000	Containing hydrobromofluorocarbons (HBFCs) .....	kg
3824.74.0000	Containing hydrochlorofluorocarbons (HCFCs), whether or not containing perfluorocarbons (PFCs) or hydrofluorocarbons (HFCs), but not containing chlorofluorocarbons (CFCs) .....	kg
3824.75.0000	Containing carbon tetrachloride .....	kg
3824.76.0000	Containing 1,1,1-trichloroethane (methyl chloroform) .....	kg
3824.77.0000	Containing bromomethane (methyl bromide) or bromochloromethane .....	kg
3824.78.0000	Containing perfluorocarbons (PFCs) or hydrofluorocarbons (HFCs), but not containing chlorofluorocarbons (CFCs) or hydrochlorofluorocarbons (HCFCs) .....	kg
3824.79.0002	Other .....	kg

Revised 01/01/08

Section VI – Chapter 38

Schedule B No. and Headings	Commodity Description	Unit of Quantity
3824 (con.)	Prepared binders for foundry molds or cores; chemical products and preparations of the chemical or allied etc. – (con.):	
	Mixtures and preparations containing oxirane (ethylene oxide), polybrominated biphenyls (PBBs), polychlorinated biphenyls (PCBs), polychlorinated terphenyls (PCTs) or tris(2,3–dibromopropyl) phosphate:	
3824.81.0000	Containing oxirane (ethylene oxide) .....	kg
3824.82.0000	Containing polychlorinated biphenyls (PCBs), polychlorinated terphenyls (PCTs) or polybrominated biphenyls (PBBs) .....	kg
3824.83.0000	Containing tris (2,3–dibromopropyl) phosphate .....	kg
3824.90	Other: Cultured crystals (other than optical elements of chapter 90), weighing not less than 2.5 g each:	
3824.90.1100	In the form of ingots .....	kg
3824.90.1900	Other .....	kg
3824.90.4000	Fatty substances of animal or vegetable origin and mixtures thereof not elsewhere specified or included .....	kg
	Other: Mixtures of halogenated hydrocarbons:	
3824.90.5000	Chlorinated but not otherwise halogenated .....	kg
3824.90.5595	Other .....	kg

Section VI – Chapter 38

Schedule B No. and Headings	Commodity Description	Unit of Quantity
3824 (con.)	Prepared binders for foundry molds or cores; chemical products and preparations of the chemical or allied etc. – (con.):	
3824.90 (con.)	Other (con.):	
	Other (con.):	
	Other:	
3824.90.7500	Naphthenic acids, their water insoluble salts and their esters .....	kg
	Mixtures of acyclic, monohydric, unsubstituted alcohols:	
3824.90.9210	Containing C <sub>11</sub> or lower alcohols only .....	kg
3824.90.9240	Other .....	kg
3824.90.9261	Mixtures consisting mainly of chemicals containing a phosphorus atom to which is bonded one methyl, ethyl, n-propyl or isopropyl group, but no other carbon atoms .....	kg
3824.90.9270	Other .....	kg
3825	Residual products of the chemical or allied industries, not elsewhere specified or included; municipal waste; sewage sludge; other wastes specified in note 6 to this chapter:	
3825.10.0000	Municipal waste .....	X
3825.20.0000	Sewage sludge .....	X
3825.30.0000	Clinical waste .....	X
	Waste organic solvents:	
3825.41.0000	Halogenated .....	X
3825.49.0000	Other .....	X

Section VI – Chapter 38

Schedule B No. and Headings	Commodity Description	Unit of Quantity
3825 (con.)	Residual products of the chemical or allied industries, not elsewhere specified or included; municipal waste; etc. – (con.):	
3825.50.0000	Waste of metal-pickling liquors, hydraulic fluids, brake fluids, and anti-freeze fluids .....	X
	Other wastes from the chemical or allied industries:	
3825.61.0000	Mainly containing organic constituents .....	X
3825.69.0000	Other .....	X
3825.90.0000	Other .....	X