

Material	CASRN	Chemical Class *	Product Class *	Tested in FETAX w/o MAS (Appendix 2)	Tested in FETAX w/ MAS (Appendix 3)	Human Data Available (Appendix 4)	Exp. Animal Data Available (Appendix 4)
Acetaminophen; 4.prime.-Hydroxyacetanilide; N-(4-Hydroxyphenyl) acetamide; Paracetamol	103-90-2	<b>Phenolic and Carboxylic Acids; Amide;</b> Aniline Derivative	Drug: Analgesic, Antipyretic; Manufacture of Azo Dyes; <b>Dyes; Pharmaceutical; Photographic Chemicals</b>	X	X	X	X
Acetone; 2-Propanone; Dimethyl ketone	67-64-1	Aliphatic Ketone; Dialkyl Ketone	Solvent, <b>Chemical Synthesis; Pharmaceutical</b>	X		X	X
2-Acetylamino fluorene; 2-AAF; 2-Acetamidofluorene; N-2-Fluorenylacetylacetamide	53-96-3	PAH Amide Derivative; <b>Amide</b>	Positive Control in Carcinogenicity and Mutagenicity Experiments	X	X		X
Acetylhydrazide; Acetic acid hydrazide; Monoacetyl hydrazine	1068-57-1	<b>Hydrazide</b>		X	X		
Acrylamide; 2-Propenamide	79-06-1	<b>Amide</b>	Monomer; <b>Polymer</b>	X	X		X
Actinomycin D; Dactinomycin; Cosmegen (Merck & Co.)	50-76-0	Macrocyclic Amide Phenoxazine Derivative; <b>Nitrogen Heterocyclic Compound; Amide</b>	Drug; Antineoplastic Agent With Antibiotic Properties; <b>Antimicrobial; Pharmaceutical</b>	X			X

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Material	CASRN	Chemical Class *	Product Class *	Tested in FETAX w/o MAS (Appendix 2)	Tested in FETAX w/ MAS (Appendix 3)	Human Data Available (Appendix 4)	Exp. Animal Data Available (Appendix 4)
Aldoxycarb; Aldicarb sulfone; Sulfocarb; 2-Methyl-2-(methylsulfonyl)propanal O-((methylamino)carbonyl) oxime	1646-88-4	<b>Amide</b> ; Thioether		X			
Aliphatic natural petroleum crude (90% aqueous extract) (CRM-5)		Hydrocarbon	Fossil Fuel (an Aqueous Extract)	X			
Amaranth; FD&C Red No. 2	915-67-3	Azo Aromatic Sulfonate Salt	Azo Dye; Analytical Indicator; <b>Dyes; Photographic Chemicals; Food Additive</b> (banned by FDA)	X			X
Aminobenzoic acid hydrazide	5351-17-7	<b>Hydrazide</b> ; Aniline derivative; <b>Amine</b>		X			
6-Aminonicotinamide; 6-Amino-3-pyridinecarboxamide	329-89-5	Pyridine Derivative; <b>Nitrogen Heterocyclic Compound; Amide</b> Aromatic		X			X
.beta.-Aminopropionitrile	151-18-8	Aliphatic nitrile; <b>Amine</b>		X			

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Material	CASRN	Chemical Class *	Product Class *	Tested in FETAX w/o MAS (Appendix 2)	Tested in FETAX w/ MAS (Appendix 3)	Human Data Available (Appendix 4)	Exp. Animal Data Available (Appendix 4)
p-Anisic acid hydrazide	3290-99-1	<b>Hydrazide</b> ; Ether		X			
Aromatic natural petroleum crude (CRM3)		Hydrocarbon	<b>Fossil fuel</b>	X			
Ascorbic acid; L-Ascorbic acid; Vitamin C	50-81-7	Lactone; <b>Alcohols (including Glycols); Phenolic and Carboxylic Acids</b>	Drug: Vitamin D Deficiency; Antioxidant; <b>Antimicrobial; Food Additive; Pharmaceutical</b>	X		X	X
Aspartame; Asp-phe methyl ester	22839-47-0	<b>Nitrogen Heterocyclic Compound; Ester; Amine; Amide</b>	<b>Food Additive</b> : Sweetener	X		X	X
Atrazine	1912-24-9	<b>Nitrogen Heterocyclic Compound; Amine;</b> Pyrimidine or Purine Analog; Aryl halide; <b>Amine (Secondary)</b>		X			X
5-Azacytidine; Azacitidine; 4-Amino-1-.beta.-D-ribofuranosyl-1,3,5-triazin-2(1H)-one	320-67-2	Glycosyl Derivative; <b>Nitrogen Heterocyclic Compound; Amine (aromatic);</b> Pyrimidine or Purine Analog	Drug: Antineoplastic Agent; <b>Pharmaceutical</b>	X			X

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Material	CASRN	Chemical Class *	Product Class *	Tested in FETAX w/o MAS (Appendix 2)	Tested in FETAX w/ MAS (Appendix 3)	Human Data Available (Appendix 4)	Exp. Animal Data Available (Appendix 4)
Benzo[a]pyrene	50-32-8	PAH		X	X		X
Benzoyl Hydrazide	613-94-5	<b>Hydrazide</b>		X			
Bisphenol A;4,4'-(1-Methyl propylidene) bisphenol; 4,4'-Isopropylidenediphenol	80-05-7	<b>Phenolic and Carboxylic Acids</b>		X		X	X
Boric Acid	10043-35-3	Inorganic/Mineral Acid	Drug: Astringent, Antiseptic, Antibacterial and Antifungal (Veterinary); <b>Pesticide</b> (Insecticide); <b>Antimicrobial; Pharmaceutical</b>	X	X	X	X
4-Bromobenzene	108-86-1	Aryl halide	Organic Synthesis (Grignard Reagent); Solvent; Lubricating Oil Additive; <b>Chemical Synthesis</b>	X	X		
t-Butyl carbazate	4248-19-5	<b>Ester</b>		X			

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Material	CASRN	Chemical Class *	Product Class *	Tested in FETAX w/o MAS (Appendix 2)	Tested in FETAX w/ MAS (Appendix 3)	Human Data Available (Appendix 4)	Exp. Animal Data Available (Appendix 4)
2-Butyn-1-ol	764-01-2	<b>Alcohols (including Glycols)</b>		X			
3-Butyn-1-ol	927-74-2	<b>Alcohols (including Glycols)</b>		X			
3-Butyn-2-ol	65337-13-5	<b>Alcohols (including Glycols)</b>		X			
2-Butyne-1,4-diol	110-65-6	<b>Alcohols (including Glycols)</b>		X			X
Cadmium chloride	10108-64-2	<b>Heavy Metal Salt</b> , Halide	Metal Plating, Manufacture of Cadmium Yellow, CdS; <b>Chemical Synthesis; Dyes; Photographic Chemicals</b>	X		X	X
Caffeine	58-08-2	Methylxanthine; Purine; <b>Nitrogen Heterocyclic Compound</b> ; Pyrimine or Purine Analog	<b>Food Additive</b> (stimulant)	X	X	X	X

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Material	CASRN	Chemical Class *	Product Class *	Tested in FETAX w/o MAS (Appendix 2)	Tested in FETAX w/ MAS (Appendix 3)	Human Data Available (Appendix 4)	Exp. Animal Data Available (Appendix 4)
Catechol	120-80-9	<b>Phenolic and Carboxylic Acids</b>		X			
.alpha.-Chaconine	20562-03-2	Steroidal Glycoalkaloid; Trisaccharide (chacotries) of Solanidine; <b>Nitrogen Heterocyclic Compound</b>	From Solanum Species, Especially Potatoes	X			
.beta.1-Chaconine	472-51-5	Steroidal Glycoalkaloid; Disaccharide of solanidine; Indolizidine substructure; <b>Nitrogen Heterocyclic Compound</b>		X			
.beta.2-Chaconine	469-14-7	Steroidal Glycoalkaloid; Disaccharide of solanidine; Indolizidine substructure; <b>Nitrogen Heterocyclic Compound</b>		X			
.gamma.-Chaconine	511-36-4	Steroidal Glycoalkaloid; Monosaccharide of solanidine; Indolizidine substructure; <b>Nitrogen Heterocyclic Compound</b>		X			
4-Chlorobenzoic acid hydrazide	536-40-3	Hydrazide		X			

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Material	CASRN	Chemical Class *	Product Class *	Tested in FETAX w/o MAS (Appendix 2)	Tested in FETAX w/ MAS (Appendix 3)	Human Data Available (Appendix 4)	Exp. Animal Data Available (Appendix 4)
Coal gasifier electrostatic precipitator tar (CRM-4)		Hydrocarbon	<b>Fossil fuel</b>	X			
Coal-derived fuel oil blend (CRM 1)		Hydrocarbon	<b>Fossil fuel</b>	X			X
Cobalt chloride; Cobaltous chloride	7646-79-9	<b>Heavy Metal Salt</b> ; Halide; Inorganic Salt	Humidity and Water Indicator; Drug: Hematinic; <b>Food Additive</b> ; <b>Pharmaceutical</b>	X			X
Copper (1)	7440-50-8	<b>Heavy Metal</b>		X			X
Copper (2)	7440-50-8	<b>Heavy Metal</b>		X			X
Copper chloride; Cupric chloride	7447-39-4	<b>Heavy Metal Salt</b> ; Halide; Inorganic Salt	Catalyst; Mordant Oxidizing Agent; Inks; Pigments, Wood Preservative; <b>Dyes</b> ; Disinfectant; <b>Pesticide</b> ; <b>Photographic Chemicals</b> ; <b>Food Additive</b>	X			X

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Material	CASRN	Chemical Class *	Product Class *	Tested in FETAX w/o MAS (Appendix 2)	Tested in FETAX w/ MAS (Appendix 3)	Human Data Available (Appendix 4)	Exp. Animal Data Available (Appendix 4)
Copper sulfate	7758-98-7	<b>Heavy Metal Salt</b> ; Inorganic Salt	<b>Pesticide</b> , Herbicide, Bacteriocide, Algicide, Insecticide, etc., <b>Food</b> and Fertilizer <b>Additive</b>	X			X
Cotinine	486-56-6	Pyridine Derivative, <b>Nitrogen Heterocyclic Compound</b> ; <b>Amide</b>	Nicotine Metabolite, Drug: Antidepressant; <b>Pharmaceutical</b>	X			X
Coumarin	91-64-5	Lactone; <b>Ester</b>	Drug: Anticoagulant; <b>Pharmaceutical</b>	X		X	X
Cycloheximide	66-81-9	Cyclic Imide; Cyclic Aliphatic Ketone; <b>Nitrogen Heterocyclic Compound</b>	<b>Pesticide</b> ; Fungicide; Plant Growth Regulator; Protein Synthesis Inhibitor	X			X
Cyclophosphamide	6055-19-2	Cyclic Phosphamide Ester with Alkyl Amine and Alkyl Halide Moieties; <b>Nitrogen Heterocyclic Compound</b> ; <b>Ester</b> ; <b>Amine</b> ; <b>Amide</b>	Drug: Antineoplastic Agent; <b>Pharmaceutical</b>	X	X	X	X
Cytochalasin D	22144-77-0	Moities, Hydrogenated Isoindole Ring, Phenyl; Alkenyl; <b>Nitrogen Heterocyclic Compound</b> ; <b>Ester</b> (Cyclic); <b>Amide</b>	Mold Metabolite	X	X		X

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Material	CASRN	Chemical Class *	Product Class *	Tested in FETAX w/o MAS (Appendix 2)	Tested in FETAX w/ MAS (Appendix 3)	Human Data Available (Appendix 4)	Exp. Animal Data Available (Appendix 4)
Cytosine arabinoside; Cytarabine	147-94-4	Glycosylated Pyrimidinone; <b>Nitrogen Heterocyclic Compound; Amine</b> ; Pyrimidine or Purine Analog	Drug: Antineoplastic Agent; <b>Pharmaceutical</b>	X		X	X
Desisopropyl atrazine		Pyrimidine or Purine Analog; Aryl halide; <b>Amine; Nitrogen Heterocyclic Compound</b>		X			X
Diazepam; Valium; 7-Chloro-1-methyl-5-phenyl-3H-1,4-benzodiazepin-2(1H)-one	439-14-5	Amide (Cyclic); Aryl Halide; <b>Nitrogen Heterocyclic Compound</b>		X		X	X
Dichloroacetate	13425-80-4	<b>Salt; Ester</b>		X	X		X
Dichloroacetic acid	79-43-6	Alpha-Halo Carboxylic Acid; <b>Phenolic and Carboxylic Acids</b>	Drug: Caustic, Keratolytic Topical Astringent; <b>Pharmaceutical</b>	X			X
2,4-D; 2,4-Dichlorophenoxyacetic acid	94-75-7	<b>Phenolic and Carboxylic Acids</b>	Herbicide: Defoliant and Weed Control; <b>Pesticide</b>	X			

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Material	CASRN	Chemical Class *	Product Class *	Tested in FETAX w/o MAS (Appendix 2)	Tested in FETAX w/ MAS (Appendix 3)	Human Data Available (Appendix 4)	Exp. Animal Data Available (Appendix 4)
Diethylene glycol	111-46-6	Ether; <b>Alcohols (including Glycols)</b>	Antifreeze for Sprinkler Systems; Water Seals for Gas Tanks; Fiber Lubricant and Finishing Agent; Solvent; Humectant	X	X		X
Dimethyl sulfoxide; DMSO	67-68-5	Sulfoxide	Drug: Topical Anti-Inflammatory (not in 1998 PDR); <b>Pharmaceutical</b>	X			X
Diphenhydramine hydrochloride; Benadryl [registered]	147-24-0	Moities; Phenyl, Dialkyl Ether; <b>Amine</b> ; Aniline Derivative	Drug: Antihistamine, Prophylactic for Motion Sickness and Antimimetic; <b>Pharmaceutical</b>	X		X	X
Diphenylamine; N-phenylbenzeneamine	122-39-4	Secondary <b>Amine</b> ; Aniline Derivative		X			X
Doxylamine succinate	562-10-7	Moities; Phenyl; Pyridinyl; Dialkyl Ether; <b>Nitrogen Heterocyclic Compound; Ester; Amine</b>	Drug: Antihistamine, Hypnotic, Sleep Aid, Antinauseant (Prescribed Primarily During Pregnancy); <b>Pharmaceutical</b>	X	X	X	X
Ethanol (L)	64-17-5	Alkanol; <b>Alcohols (including Glycols)</b>	Solvent; Pharmaceutic Aid; <b>Cosmetics</b> , Fragrances; <b>Food Additive</b>	X		X	X

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Ethidium bromide	1239-45-8	Quaternary Ammonium <b>Salt</b> ; Phenanthridine; <b>Nitrogen Heterocyclic Compound</b> ; <b>Amine</b> ; Aniline Derivative	in Separation and Determination of Nucleic Acids; Drug: Veterinary Antiprotozoal; <b>Pharmaceutical</b>	X			
Ethyl carbazate	4114-31-2	<b>Ester</b> ; <b>Hydrazide</b>		X			
Ethylene glycol	107-21-1	<b>Alcohols (including Glycols)</b>	Antifreeze; Hydraulic Brake Fluids; Industrial Humectant; Solvent; Inks; Monomer (Resins, Elastomers, Synthetic Fibers); <b>Polymer</b> ; <b>Dye</b>	X	X		X
N-Ethyl-N-nitrosourea; ENU	759-73-9	Nitroso Compound; Imidazole Derivative; <b>Nitrogen Heterocyclic Compound</b>	Accelerator in Synthetic Rubber Production; Experimentally as a Mutagen; Ethylating Agent; <b>Chemical Synthesis</b>	X	X		X
5-Fluorouracil	51-21-8	Halogenated/Fluorinated Pyrimidine; <b>Nitrogen Heterocyclic Compound</b> ; Pyrimidine or Purine Analog	Drug: Antineoplastic; <b>Pharmaceutical</b>	X		X	X
Formamide	75-12-7	<b>Amide</b> (Aliphatic)	Ionizing Solvent; Manufacture of Formic Esters; Hydrocyanic Acid; Softener for Paper, Animal Glues, Water-Soluble Gums; <b>Chemical Synthesis</b>	X			X

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Material	CASRN	Chemical Class *	Product Class *	Tested in FETAX w/o MAS (Appendix 2)	Tested in FETAX w/ MAS (Appendix 3)	Human Data Available (Appendix 4)	Exp. Animal Data Available (Appendix 4)
Furazolidone; N-(5-Nitro-2-furfurylidene)-3-amino-2-oxazolidone	67-45-8	Moieties/Substructures: Cyclic Ether; Furan (Aromatic Heterocycle); Nitro Group; Oxazole; <b>Nitrogen Heterocyclic Compound; Amine</b>	<b>Antimicrobial:</b> Topical Anti-Infective and Antiprotozoal (Trichomonas); <b>Pharmaceutical</b>	X		X	X
Gentisic Acid	490-79-9	Benzoic Acid; <b>Phenolic and Carboxylic Acids</b>	Drug: Analgesic as Sodium Gentisate; <b>Pharmaceutical</b>	X			X
Glycerol; Glycerin; Trihydroxypropane	56-81-5	<b>Alcohols (including Glycols)</b>	Solvent; Humectant; Plasticizer; Emollient; Sweetener; <b>Food Additive;</b> Dynamite Manuf.; Drug: Ophthalmic Diagnostic Aid; Ingredient of Lubricants, Adhesives; <b>Chemical Synthesis; Cosmetics; Pharmaceutical</b>	X	X		X
Glycerol formal	4740-78-7	Formal; Cyclic Ether; <b>Alcohols (including Glycols)</b>	Pharmaceutic Aid (Solvent)	X			X
Guthion; Azinphos-methyl	86-50-6	<b>Nitrogen Heterocyclic Compound; Ester</b>	Insecticide; <b>Pesticide</b>	X			
1-Heptyn-3-ol	7383-19-9	<b>Alcohols (including Glycols)</b>		X			

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cis-3-Hexen-1-ol	928-96-1	<b>Alcohols (including Glycols)</b>		X			
trans-3-Hexen-1-ol	928-97-2	<b>Alcohols (including Glycols)</b>		X			
Hydrazine	302-01-2	<b>Hydrazine and Hydrazides</b>	Reducing Agent, Organic Hydrazine Derivatives; Rocket Fuel; <b>Chemical Synthesis; Fossil Fuel</b>	X	X		X
4-Hydroxybenzoic acid hydrazide	5351-23-5	<b>Phenolic and Carboxylic acids; Hydrazide</b>		X			
4-Hydroxycoumarin	1076-38-6	<b>Alcohols (including Glycols)</b>		X	X	X	X
7-Hydroxycoumarin	93-35-6	<b>Phenolic and Carboxylic Acids</b>	in Sunscreen Lotions and Creams; <b>Cosmetics; Pharmaceutical</b>	X	X		X

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m-Hydroxydilantin	30074-03-4	Hydantoin Derivative; Imidazolidine Dione; <b>Nitrogen Heterocyclic Compound; Phenolic and Carboxylic Acid</b>	Drug Metabolite	X		X	X
p-Hydroxydilantin	57464-82-1	Hydantoin Derivative; Imidazolidine Dione; <b>Nitrogen Heterocyclic Compound; Phenolic and Carboxylic Acids</b>	Drug: Anticonvulsant, Antiepileptic; <b>Pharmaceutical</b>	X		X	X
Hydroxyurea	127-07-1	Urea; Hydroxamide; <b>Amide</b>	Drug: Antineoplastic Agent; <b>Pharmaceutical</b>	X			X
Isoniazid; Isonicotinic acid hydrazide	54-85-3	<b>Hydrazide</b> ; Pyridine Derivative; <b>Nitrogen Heterocyclic Compound</b>	Drug: Antibacterial (Tuberculostatic); <b>Pharmaceutical</b>	X	X	X	X
Isonicotinic acid; Isonicotinic acid-2-isopropylhydrazide 1-Methyl-formylhydrazine	55-22-1	<b>Nitrogen Heterocyclic Compound; Phenolic and Carboxylic Acids</b>		X	X		X
Maneb; [[1,2-Ethanediybis [carbamodithioato]]-(2-)] manganese; Manganous ethylenebis[dithiocarbamate]; Dithane; M-22; Manex; Trimangol	12427-38-2			X			X

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Methotrexate [(+) amethopterin]	59-05-2	<b>Pteridine Derivative; Nitrogen Heterocyclic Compound; Phenolic and Carboxylic Acids; Amine; Amide</b>	Drug: Antineoplastic Agent, Antirheumatic; <b>Pharmaceutical</b>	X		X	X
2-Methyl-3-butyn-2-ol	115-19-5	<b>Alcohols (including Glycols)</b>		X			
Methyl carbazate	6294-89-9	<b>Ester; Hydrazone</b>		X			
Methylmercury chloride	115-09-3	<b>Heavy Metal Salt; Organometallic; Organomercury Salt/Halide</b>		X		X	X
3-Methyl-1-pentyn-2-ol	77-75-3	<b>Alcohols (including Glycols)</b>		X			
1-Methylxanthine	6136-37-4	<b>Nitrogen Heterocyclic Compound</b>		X	X		

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3-Methylxanthine	1076-22-8	<b>Nitrogen Heterocyclic Compound;</b> Pyrimidine or Purine Analog		X	X		
Monosodium glutamate	142-47-2	Amino Acid <b>Salt; Amine</b>	<b>Food</b> and Swine Feed <b>Additive</b> (Flavor Enhancer); <b>Pharmaceutical Aid</b> (Palliates Bitter Taste); Drug: Hepatic Coma Treatment; <b>Pharmaceutical</b>	X			X
Nickel chloride	7718-54-9	<b>Heavy Metal Salt/Halide</b>	Nickel Plating of Cast Zinc, Inks; Ammonia Absorbent in Gas Masks (Anhydrous Form)	X			X
Nicotine	54-11-5	Pyridine; Pyrrolidine; <b>Nitrogen Heterocyclic Compound</b>	<b>Pesticide</b> (Insecticide, Fumigant); Manufacture of Organic Compounds and Resins; Drug: Antiseptic (Topical and Intestinal), <b>Antimicrobial; Chemical Synthesis; Pharmaceutical; Polymer</b>	X	X		X
Nitrilotriacetate, trisodium	5064-31-3	Chelating Agent, Carboxylate <b>Salt</b>	Builder in Synthetic Detergents; Chelating and Sequestering Agent; <b>Chemical Synthesis</b>	X			X
Nitrobenzoic acid hydrazide	636-97-5	Nitro Compound; <b>Hydrazide</b>		X			

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N-Nitrosodimethylamine; Dimethylnitrosamine	62-75-9	Nitrosamine; <b>Amine; Nitroso Compound</b>	Research Chemical (Primary Use)	X			X
1-Octyn-3-ol	818-72-4	<b>Alcohols (including Glycols)</b>		X			
Oxalic acid dihydrate	6153-56-6	<b>Phenolic and Carboxylic Acids</b>	Manuf. of Organic Chemicals; Numerous Uses Involving Bleaching, Decolorizing, Cleaning, Purifying; General Reducing Agent; Analytical Reagent; <b>Chemical Synthesis</b>	X			X
Pentachlorophenol; Penta; PCP	87-86-5	<b>Phenolic and Carboxylic Acids; Aryl Halide</b>	<b>Pesticide:</b> Insecticide, Termiticide, Herbicide; Wood Preservative	X			X
Permethrin; 3-(2,2-Dichloroethenyl)-2,2-dimethylcyclopropane carboxylic acid (3-phenoxyphenyl)methyl ester	52645-53-1	Pyrethroid; <b>Ether; Ester;</b> Chlorocarbon	<b>Pesticide:</b> Insecticide; Wood Preservative	X			X
Phenytoin; Dilantin [registered]; 5,5-Diphenylhydantoin	57-41-0	Imidazolidine Derivative; Hydantoin Derivative; <b>Nitrogen Heterocyclic Compound</b>	Drug: Anticonvulsant, Antiepileptic; <b>Pharmaceutical</b>	X	X	X	X

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Phthalic acid	88-99-3	<b>Phenolic and Carboxylic Acids</b>	Manufacture of <b>Dyes</b> ; Phenolphthalein; Phthalimide, Anthranalic Acid, Synthetic Perfumes	X	X		X
Procarbazine	671-16-9	<b>Hydrazine</b> Derivative; Amide; <b>Amide</b> (Aromatic Carboxylic)	Drug: Antineoplastic Agent; <b>Pharmaceutical</b>	X		X	X
Propylene glycol	57-55-6	<b>Alcohols (including Glycols)</b>		X			X
Propylthiourea				X			X
2-Propyn-1-ol	107-19-7	<b>Alcohols (including Glycols)</b>		X			
Pseudoephedrine	90-82-4	Benzyl Alcohol Derivative; <b>Alcohols (including Glycols)</b> ; <b>Amine</b> (aliphatic)	Drug: Decongestant; <b>Pharmaceutical</b>	X		X	

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Material	CASRN	Chemical Class *	Product Class *	Tested in FETAX w/o MAS (Appendix 2)	Tested in FETAX w/ MAS (Appendix 3)	Human Data Available (Appendix 4)	Exp. Animal Data Available (Appendix 4)
Retinoic acid; all-trans-Retinoic acid; Tretinoin	302-79-4	Retinoid; <b>Phenolic and Carboxylic Acids</b>	Drug: Antineoplastic Agent; <b>Pharmaceutical</b>	X			X
13-cis-Retinoic acid	4759-48-2	Retinoid, <b>Phenolic and Carboxylic Acids</b> (Polyunsaturated)	Drug: Keratolytic; <b>Pharmaceutical</b>	X			X
Saccharin	81-07-2	Cyclic Imide, Isothiazole Derivative, Benzisofurazone Derivative; <b>Nitrogen Heterocyclic Compound</b>	<b>Food Additive:</b> Non-Caloric Sweetener; Pharmaceutical Aid (Flavor), Brightener Formulations in Electroplating Baths	X		X	X
Salicylaldehyde	90-02-8	<b>Phenolic and Carboxylic Acids</b>	in Perfumery; <b>Cosmetics</b>	X			X
Salicylic Acid	69-72-7	<b>Phenolic and Carboxylic Acids</b>	Keratolytic (Topical); <b>Cosmetics</b>	X			X
Serotonin	50-67-0	Indole, <b>Nitrogen Heterocyclic Compound; Phenolic and Carboxylic Acids; Amine</b> (aliphatic)	Endogenous Vasoactive Amine	X		X	X

\* Classes listed in bold indicate those used for the performance analysis by chemical class or product class.

Material	CASRN	Chemical Class *	Product Class *	Tested in FETAX w/o MAS (Appendix 2)	Tested in FETAX w/ MAS (Appendix 3)	Human Data Available (Appendix 4)	Exp. Animal Data Available (Appendix 4)
Shale-derived crude (CRM 2)		Hydrocarbon	<b>Fossil Fuel</b>	X			
Sodium acetate	127-09-3	Aliphatic Carboxylate ( <b>Salt</b> )	Analytical Reagent; <b>Food Additive</b> ; Pharmaceutical Aid; <b>Chemical Synthesis</b> ; <b>Photographic Chemicals</b>	X			X
Sodium arsenate [dibasic heptahydrate]	10048-95-0	<b>Heavy Metal Salt</b> ; Arsenate Salt, Arsenic(V) Compound	Dyeing with Turkey-Red Oil, Printing Fabrics, Manuf. of Other Arsenates; Former Human and Veterinary Drug; <b>Chemical Synthesis</b> ; <b>Dyes</b> ; <b>Pharmaceutical</b>	X			X
Sodium arsenite; Sodium meta-arsenite	7784-46-5	<b>Heavy Metal Salt</b> ; Arsenite Salt; Arsenic(III) Compound; Inorganic Salt	<b>Pesticide</b> : Termiticide, Treating Scale Diseases in Vines; Manuf. of Arsenical Soap for Treating Hides; Veterinary Drug; Acaricide; <b>Pharmaceutical</b>	X	X		
Sodium bromate	7789-38-0	Bromate Salt; Inorganic Salt; Bromium(V)	Metallurgy: mixture with NaBr dissolves gold	X	X		
Sodium cyclamate	139-05-9	Sulfamate; Amidosulfate; <b>Amide</b>	Synthetic Sweetener; <b>Food Additive</b> (banned)	X			X

\* Classes listed in bold indicate those used for the performance analysis by chemical class or product class.

Material	CASRN	Chemical Class *	Product Class *	Tested in FETAX w/o MAS (Appendix 2)	Tested in FETAX w/ MAS (Appendix 3)	Human Data Available (Appendix 4)	Exp. Animal Data Available (Appendix 4)
Sodium iodoacetate	305-53-3	Alpha-Halocarboxylate <b>Salt</b> , Organic Salt		X	X		
Sodium salicylate; 2-Hydroxybenzoic acid monosodium salt	54-21-7	Salicylate <b>Salt</b> ; Phenolic; Aromatic Carboxylate Salt; Organic Salt; <b>Phenolic and Carboxylic Acids</b>	Preservative for Paste, Mucilage, Glue, Hides; Drug: Analgesic, Antipyretic; <b>Pharmaceutical</b>	X			X
Sodium selenate	13410-01-0	Inorganic <b>Salt</b> ; Selenate Salt; Selenium(VI) Compound	<b>Pesticide</b> : Insecticide	X			X
Solamargine	20311-51-7	Steroidal Glycoalkaloid; Chacotriose Derivative of Solasodine; <b>Nitrogen Heterocyclic Compound</b>	a Common Glycoalkaloid of Solanum Species, but not Potatoes	X			X
.alpha.-Solanine	20562-02-1	Steroidal Glycoalkaloid; Solatriose derivative of alpha-solanidine; Indolizidine; <b>Nitrogen Heterocyclic Compound</b>	<b>Pesticide</b> : Former Use as an Agricultural Insecticide, Main Glycoalkaloid From Potato Tubers, Also Found in Other Solanum Species	X	X		X
.beta.2-Solanine	61877-94-9	Steroidal Glycoalkaloid (one fewer sugar moiety than .alpha.-solanine); Indolizidine; <b>Nitrogen Heterocyclic Compound</b>	From Solanum Species	X			

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Material	CASRN	Chemical Class *	Product Class *	Tested in FETAX w/o MAS (Appendix 2)	Tested in FETAX w/ MAS (Appendix 3)	Human Data Available (Appendix 4)	Exp. Animal Data Available (Appendix 4)
.gamma.-Solanine; beta-D-Galactopyranoside, (3.beta.)-solanid-5-enyl	511-37-5	Steroidal Glycoalkaloid (two fewer sugar moieties than .alpha.-solanine); Indolizidine; <b>Nitrogen Heterocyclic Compound</b>	From Solanum Species	X			
Solasonine	19121-58-5	Steroidal Glycoalkaloid; Solanidine Solatriose Derivative; <b>Nitrogen Heterocyclic Compound</b>	from Solanum Species	X			
Theophylline	58-55-9	Methylxanthine, Purine; <b>Nitrogen Heterocyclic Compound</b> ; Pyrimidine or Purine Analog	Drug: Bronchodilator; <b>Pharmaceutical</b>	X	X	X	X
4-Toluic acid hydrazide	3619-22-5	<b>Hydrazide</b>		X			
Tomatine	17406-45-0	Steroidal Glycoalkaloid; <b>Nitrogen Heterocyclic Compound</b>	Precipitating Agent for Steroids; <b>Chemical Synthesis</b>	X			
Tribromoacetic acid	75-96-7	Alpha-Halocarboxylic Acid; <b>Phenolic and Carboxylic Acids</b>	Polymerization Catalyst; Brominating Agent; <b>Chemical Synthesis</b>	X	X		X

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Material	CASRN	Chemical Class *	Product Class *	Tested in FETAX w/o MAS (Appendix 2)	Tested in FETAX w/ MAS (Appendix 3)	Human Data Available (Appendix 4)	Exp. Animal Data Available (Appendix 4)
Trichloroacetic acid	76-03-9	Alpha-Halocarboxylic Acid; <b>Nitrogen Heterocyclic Compound; Phenolic and Carboxylic Acids</b>	Decalcifier and Fixative in Microscopy; Drug; Caustic; Veterinary Vesicant; <b>Pharmaceutical</b>	X		X	X
2,2,2-Trichloroethanol; Trichloroethyl alcohol	115-20-8	Halogenated Aliphatic Alcohol; <b>Alcohols (including Glycols)</b>	Drug: Sedative, Hypnotic; <b>Pharmaceutical</b>	X			
Trichloroethylene	79-01-6	Halogenated Alkene; Halo Carbon	Solvent; Solvent Extraction; Metal Cleaning (Degreasing); Dry Cleaning; Manufacture of Organic Chemicals; Drug: Anesthetic (Inhalation); <b>Chemical Synthesis; Pharmaceutical</b>	X	X		X
Triethylene glycol	112-27-6	<b>Alcohols (including Glycols)</b>	in Plastics to Increase Pliability; Air Disinfectant; <b>Polymer</b>	X			X
Triethylene glycol dimethyl ether	112-49-2	Glycol Ether	Solvent	X	X		X
Urethane; Urethan; Ethyl carbamate	51-79-6	Carbamate Ester; <b>Ester</b>	Solvent When Molten; Manufacture of Organic Compounds and Amino Resins (Solubilizer and Cosolvent); <b>Chemical Synthesis; Pesticide; Polymer</b>	X	X		X

\* Classes listed in bold indicate those used for the performance analysis by chemical class or product class.

Material	CASRN	Chemical Class *	Product Class *	Tested in FETAX w/o MAS (Appendix 2)	Tested in FETAX w/ MAS (Appendix 3)	Human Data Available (Appendix 4)	Exp. Animal Data Available (Appendix 4)
Zinc (1)	7440-66-6	<b>Heavy Metal</b>		X			
Zinc (2)	7440-66-6	<b>Heavy Metal</b>		X			
Zinc chloride	7646-85-7	<b>Heavy Metal Salt/Halide; Inorganic Salt</b>	Drug: Antiseptic and Veterinary Astringent; Fabric Treatment; Soldering Flux; Metallurgy; Mordant in Dyeing and Printing; Galvanizing; <b>Dyes; Pharmaceutical</b>	X			X
Zinc sulfate heptahydrate	7446-20-0	<b>Heavy Metal Salt/Halide; Inorganic Salt</b>	Ophthalmic Astringent, Mordant in Calico Printing; Wood and Skin Preservative; <b>Pharmaceutical</b>	X			

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