

SUBJECT 1

Re: Chemicals Group

Contact: Lisa K. O'Donnell

Telephone — (703) 838-1838

odonnell@nmfta.org

Proponent: Freight Classification Development Council

Present Classification Provisions

Item	Description	Class
	CHEMICALS GROUP: subject to item 42600	
42605	Abietic Acid , in drums	55
	Ammonium: subject to item 42930	
42940	Bicarbonate:	
Sub 1	In inner containers in boxes	70
Sub 2	In bulk in drums, or Packages 351 or 2183	60
42970	Borate or Biborate , in drums or Package 390	70
42990	Carbonate:	
Sub 1	In inner containers in boxes	77.5
Sub 2	In bulk in drums.....	70
43000	Chloride (Muriate of Ammonia or Sal Ammoniac):	
Sub 1	In cloth or five-ply paper bags, in Item 202 bags, in Packages 202 or 2183 or in bulk in boxes or drums.....	65
Sub 2	In inner containers in boxes	77.5
43030	Nitrate, Magnesia and Pulp Mixture , in drums	70
43040	Nitrate, Sodium Nitrate Mixture , in waterproofed bags	70
43090	Sulfate:	
Sub 1	In inner containers in boxes	65
Sub 2	In bulk in bags or drums.....	50
43110	Sulfide , dry, in drums	70
43130	Thiocyanate (Ammonium Sulfofocyanate) Liquor , in drums	55
43140	Thiosulfate Solution:	
Sub 1	In glass carboys.....	100
Sub 2	In drums.....	70
43150	Thiocyanate Crystals (Ammonium Sulfofocyanate Crystals) , in bags or drums	70
43200	Antimony Crocus , in boxes or drums.....	85
43210	Antimony Lactate , in drums	85
	Barium: subject to item 43300	
43310	Aluminate , in drums.....	70
43350	Chloride , in cloth or five-ply paper bags, in Package 2067 or in boxes or drums	60
43370	Fluoride , in bags, boxes or drums.....	70
43380	Hydrate , in boxes or drums, or in waterproof bags	70
43415	Stearate , in boxes or drums	77.5
43450	Sulfide:	
Sub 1	In inner containers in boxes	70
Sub 2	In bulk in drums.....	55
43500	Beverage Stabilizing or Chillproofing Compounds , in boxes or drums	125
43560	Bromine Salts , crude, NOI, for treating ores, in boxes or drums	77.5
43565	Butadiene , in drums or steel cylinders	70
43580	Butyl Lactate , in boxes or drums.....	85
43590	Butyl Stearate , in boxes or drums	85
43610	Cadmium Salts , NOI, in boxes or drums, or in metal cans in crates.....	200
	Calcium: subject to item 43620	
43640	Aconitate , in bags, boxes or drums.....	70
43650	Bisulfite , in drums	70
43660	Bromide , in bags, boxes or drums	100
43680	Calcium or Lime Salts , NOI, in bags, boxes or drums	200
43690	Carbide , see Note, item 43692:	
Sub 1	In steel inner containers in boxes, or in bulk in steel containers of less than 15 gallons capacity	60
Sub 2	In bulk in steel containers of not less than 15 gallons capacity	55
43692	NOTE—Nonreusable containers (NRC) having sides of steel not thinner than 26 gauge may be used for more than one trip.	
43710	Carbonate , recarbonated waste (Whiting Substitute), in bags, boxes or drums	50
43750	Cyanamide (Lime-Nitrogen) , in bags, boxes or drums	50
43780	Molybdate , in bags, boxes or drums	70
43860	Sulfite , in drums or in four-ply paper bags	55

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Present Classification Provisions — Continued

Item	Description	Class
	CHEMICALS GROUP: subject to item 42600	
43870	Carbo-nitrate , in boxes or drums.....	70
43920	Chalk , crude, in bags, boxes or drums.....	50
43940	☼ Chemicals , NOI, see Note, item 43942:	
Sub 1	In glass carboys or Package 200.....	100
Sub 2	In bags, boxes, drums or Packages 2258, 2456 or 2499.....	85
43942	NOTE—Also applies on accompanying accessorial bleeding sets or holders with or without needles attached. The total weight of such named accessorial articles must not exceed 10 percent of the weight upon which charges are assessed.	
43944	☼ Chemicals , phosphoric, see Note, item 43946, in boxes.....	70
43946	NOTE—Provisions apply only on separately packaged components consisting of one liquid and one solid chemical, nonexplosive prior to mixing, which when in separate shipping boxes are not subject to DOT's regulations governing hazardous materials.	
43950	☼ Chloracetophenone:	
Sub 1	In glass or metal containers in wooden boxes.....	200
Sub 2	In steel cylinders.....	150
43980	☼ Chloroplatinic Acid; or Acid Compounds or Solutions containing dissolved gold, silver, platinum, palladium, or metals of the platinum group; in boxes or drums.....	500
43990	☼ Chrome Chloride Solution , in drums.....	65
44000	Chrome Sulfate Solution , in drums.....	65
44010	Chromium Acetate , in drums.....	70
44020	☼ Chromium Resinate , in drums.....	70
44030	Chromium Sulfate , basic, dry, in double bags or in drums.....	65
44060	Cobalt Salts , NOI, in boxes or drums.....	200
44070	Cobalt Sulfate , in boxes, drums or burlap bags.....	100
44080	Compounds , plastic or rubber blowing or expanding, dry, in paper lined burlap bags or in boxes or drums.....	70
44090	Copper Acetate (Verdigris) , in boxes or drums.....	70
44100	Copper Carbonate , in boxes, drums, in five-ply paper bags or in Package 2083.....	70
44110	Copper Oleate , in drums.....	85
44120	Copper Oxide , fertilizer grade, see Note, item 44122, in paper bags.....	70
44122	NOTE—Bags must be so branded, labeled or marked as to plainly indicate they contain copper oxide, fertilizer grade.	
44130	Copper Oxide , NOI, in boxes, drums or five-ply paper bags.....	70
44140	☼ Copper Resinate , in drums.....	70
44150	☼ Copper Sulfate (Blue Vitriol):	
Sub 1	In containers in boxes.....	70
Sub 2	In bags, or in bulk in boxes or drums.....	65
44155	☼ Corrosive Materials , NOI, see Note, item 44156, in U.S. DOT-authorized packaging:	
Sub 1	In Packing Group I.....	92.5
Sub 2	In Packing Group II.....	85
Sub 3	In Packing Group III.....	70
44156	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 8, Corrosive Material, as defined in 49 CFR §173.136 and required to bear a notice to that effect on bills of lading and packaging.	
44160	Cream Tartar , in boxes, drums or five-ply paper bags.....	70
44170	☼ Crotonaldehyde , other than stabilized:	
Sub 1	In boxes or drums.....	70
Sub 2	In glass carboys.....	100
44180	Cryolite , in boxes, drums or cloth or five-ply paper bags.....	65
44190	Cyanamide , in bags or drums.....	50
44230	☼ Diacetone:	
Sub 1	In glass carboys.....	100
Sub 2	In inner containers in boxes.....	65
Sub 3	In bulk in drums or in steel cylinders.....	60
44240	Dibutyl, Diethyl or Dimethyl Phthalate , in boxes or drums.....	55
44290	Dicyandiamide , in bags, boxes or drums.....	70
44320	☼ Diisobutyl Carbinol:	
Sub 1	In bulk in drums or steel cylinders.....	60
Sub 2	In inner containers in boxes.....	65
Sub 3	In glass carboys.....	100
44370	Dodecylbenzene or Dodecyltoluene , in drums.....	70
44460	☼ Ethyl Acetate:	
Sub 1	In bulk in drums or steel cylinders.....	70
Sub 2	In glass carboys.....	100
Sub 3	In inner containers in boxes.....	77.5

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Present Classification Provisions — Continued

Item	Description	Class
	CHEMICALS GROUP: subject to item 42600	
44480	Ethylidene Aniline , in inner containers in boxes.....	100
44500	☼ Flammable Liquids, NOI; or Combustible Liquids in bulk containers with a maximum capacity greater than 119 gallons, NOI; see Note, item 44501, in U.S. DOT-authorized packaging:	
Sub 1	In Packing Group I.....	100
Sub 2	In Packing Group II.....	92.5
Sub 3	In Packing Group III.....	85
44501	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 3: Flammable Liquid; or Combustible Liquid in bulk containers; as defined in 49 CFR §173.120 and required to bear a notice to that effect on bills of lading and packaging.	
44515	☼ Flammable Solid, Spontaneously Combustible or Dangerous When Wet Materials, NOI , see Note, item 44516, in U.S. DOT-authorized packaging:	
Sub 1	Offered for transportation as a Hazard Class 4, Division 4.3:	
Sub 2	In Packing Group I.....	110
Sub 3	In Packing Group II.....	100
Sub 4	In Packing Group III.....	92.5
Sub 5	Offered for transportation as a Hazard Class 4, Division 4.2:	
Sub 6	In Packing Group I.....	150
Sub 7	In Packing Group II.....	92.5
Sub 8	In Packing Group III.....	85
Sub 9	Offered for transportation as a Hazard Class 4, Division 4.1:	
Sub 10	In Packing Group I.....	125
Sub 11	In Packing Group II.....	85
Sub 12	In Packing Group III.....	77.5
44516	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 4: Division 4.1, Flammable Solid, other than Self-reactive Material; Division 4.2, Spontaneously Combustible Material; or Division 4.3, Dangerous When Wet Material; as defined in 49 CFR §173.124 and required to bear a notice to that effect on bills of lading and packaging. For classes applicable to Self-reactive Material, see item 46047.	
44520	Formaldehyde , dry:	
Sub 1	In boxes, burlap bags lined with waterproof paper, multiple-wall paper bags or drums.....	70
Sub 2	In metal holders in boxes or drums.....	85
44550	Formaldehyde Aniline , in boxes or drums.....	85
44565	Fuel , ration heating, chemical composition, containing not less than 90 percent trioxane, in boxes.....	70
44567	☼ Fumaric Acid , dry, in bags, boxes or drums.....	70
44570	Furfural , not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label or placard, see Note, item 44571, in drums.....	70
44571	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
44590	☼ Glycerine , crude (Spent Lye), concentrated, or Crude Glycerine , other than spent lye, in drums.....	65
44600	Glycerine , crude (Spent Lye), not concentrated, in drums.....	55
44610	Glycerine , other than crude:	
Sub 1	In carboys.....	100
Sub 2	In inner containers in boxes.....	77.5
Sub 3	In bulk in drums.....	70
44620	Glycols:	
	Butylene (Butanediol);	
	Diethylene;	
	Dipropylene;	
	Ethylene;	
	Hexylene (2-Methyl-2, 4-Pentanediol);	
	Methoxy Polyethylene;	
	Neopentyl (2,2-Dimethyl-1, 3-Propanediol);	
	Poly;	
	Polyethylene;	
	Polypropylene;	
	Propylene;	
	Triethylene;	
	In boxes, drums or Packages 27, 693, 2399, 2431, 2440 or 2521.....	65
44625	☼ Halogenated Monomethyldiphenyl-Methanes, Polychlorinated Biphenyls (PCBs), Polyhalogenated Biphenyls or Polyhalogenated Terphenyls , see Note, item 44626.....	Not Taken
44626	NOTE—If shipment is inadvertently accepted, class 500 will apply.	
44645	Hydroxy Acetic Acid , in bulk in drums.....	70

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Item	Description	Class
	CHEMICALS GROUP: subject to item 42600	
44650	Indigo , dry, in boxes or drums.....	100
44660	Indigo , liquid or paste, in drums	70
44670	Iron:	
44680	Acetate (Iron Liquor):	
Sub 1	In bulk in drums.....	70
Sub 2	In inner containers in boxes	77.5
Sub 3	In glass carboys.....	100
44700	Carbonate , in boxes or drums.....	100
44710	Chloride (Iron Muriate) , dry, in boxes or drums.....	70
44720	⊕ Chloride (Iron Muriate) , other than crude, liquid:	
Sub 1	In bulk in drums.....	65
Sub 2	In inner containers in boxes	70
Sub 3	In glass carboys.....	100
44760	⊕ Nitrate:	
Sub 1	In bulk in drums.....	65
Sub 2	In inner containers in boxes	70
Sub 3	In glass carboys.....	100
44770	Oxide Catalyst , in bags, boxes or drums	70
44780	Oxide , other than spent:	
Sub 1	In bags, in bulk in drums or in Package 2231	55
Sub 2	In containers in boxes or drums	65
44790	Sulfate (Ferric Sulfate) , crude, dry, soluble iron content not to exceed 25 percent by weight, in bulk in bags, boxes or drums.....	55
44800	Sulfate (Ferric Sulfate) , dry:	
Sub 1	In bulk in bags, boxes or drums.....	60
Sub 2	In glass in boxes or drums	70
44810	Sulfate (Ferric Sulfate) , other than dry (Ferric Sulfate Solution):	
Sub 1	In bulk in drums.....	65
Sub 2	In inner containers in boxes	70
Sub 3	In glass carboys.....	100
44820	Sulfate (Ferrous Sulfate) (Copperas):	
Sub 1	Containing less than 40 percent water:	
Sub 2	In inner containers in boxes.....	70
Sub 3	In bags, or in bulk in boxes or drums	55
Sub 4	Containing not less than 40 percent water, in bulk in bags or drums	55
44830	Sulfide:	
Sub 1	In bags, or in bulk in boxes or drums.....	65
Sub 2	In inner containers in boxes	77.5
44865	Isopropylidene Bisphenol , in multi-wall paper bags or in bulk in drums	60
44870	Lead:	
44900	Oleate:	
Sub 1	In containers in boxes or drums, or in pails in crates	85
Sub 2	In bulk in drums.....	77.5
44930	Resinate , in drums.....	70
44940	Silicate , in boxes, drums or cloth or paper bags.....	55
44970	Lime , chlorinated (Chloride of Lime, Bleach, NOI, or Bleaching Powder, NOI), see Note, item 44982:	
44980	⊕ Dry:	
Sub 1	In inner containers in boxes or crates.....	60
Sub 2	In bulk in drums.....	55
44982	NOTE—Applies only on the chemical resulting from contact of chlorine gas with hydrated common lime.	
45000	⊕ Liquid (aqueous solution):	
Sub 1	In bulk in drums.....	55
Sub 2	In inner containers in boxes	60
Sub 3	In glass carboys.....	100
45020	Lime Water:	
Sub 1	In bulk in drums	65
Sub 2	In inner containers in boxes	70
	Magnesium: subject to item 45030	
45060	⊕ Fluosilicate (Magnesium Silicofluoride):	
Sub 1	In bulk in drums.....	65
Sub 2	In inner containers in boxes or crates.....	77.5

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Present Classification Provisions — Continued

Item	Description	Class
	CHEMICALS GROUP: subject to item 42600	
	Manganese: subject to item 45150	
45170	Borate , in drums.....	70
45175	Chloride (Manganese Muriate) , in boxes or drums.....	70
45180	Phosphate , in double bags.....	70
45240	⊛ Methallyl Chloride , in drums.....	70
45295	Methyl Glucoside , in bags.....	55
45322	⊛ Miscellaneous Hazardous Materials , NOI, including Environmentally Hazardous Substances , NOI, or Other Regulated Substances , NOI, see Notes, items 45323 and 45324, in U.S. DOT-authorized packaging, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 20.....	100
Sub 2	20 but less than 30.....	70
Sub 3	30 or greater.....	60
45323	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 9, Miscellaneous Hazardous Material, other than Hazardous Waste, as defined in 49 CFR §173.140 and required to bear a notice to that effect on bills of lading and packaging. For provisions applicable to Hazardous Waste, see item 196160.	
45324	NOTE—Also applies on Marine Pollutants not specifically listed in 49 CFR §172.101, Hazardous Materials Table, and that do not meet the definition of Hazard Classes 1 through 8.	
45330	⊛ Monoethanolamine, Diethanolamine or Triethanolamine:	
Sub 1	In glass bottles in boxes.....	70
Sub 2	In bulk in drums or Package 2399.....	60
45370	Nickel Ammonium Sulfate , in boxes or drums or in bulk in five-ply multiple-wall paper bags.....	70
45380	Nickel Carbonate , in boxes, in cloth or four-ply paper bags, or in drums.....	77.5
45390	Nickel Chloride , in boxes, drums or in waterproof bags or in Packages 390 or 2161.....	70
45400	Nickel Oxide , in boxes or drums or in Package 27.....	77.5
45410	Nickel Plating Solution:	
Sub 1	In bulk in drums, or in inner containers in boxes, or in Package 278.....	70
Sub 2	In glass carboys.....	100
45420	⊛ Nickel Salts , NOI, in boxes, drums or latex-lined burlap bags.....	100
45430	⊛ Nickel Sulfate or Single Nickel Salts , in bags, boxes, drums, intermediate bulk containers (IBCs) or Package 2162.....	70
45440	⊛ Nitro-carbo-nitrate , in boxes or drums.....	70
45467	⊛ Oxidizers , NOI, see Note, item 45468, in U.S. DOT-authorized packaging:	
Sub 1	In Packing Group I.....	125
Sub 2	In Packing Group II.....	100
Sub 3	In Packing Group III.....	85
45468	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 5, Division 5.1, Oxidizer, as defined in 49 CFR §173.127 and required to bear a notice to that effect on bills of lading and packaging.	
45480	Paraphenyl Phenol , in drums.....	77.5
45510	⊛ Perchloroethylene , in bulk in drums.....	55
45530	Phosphoric Catalyst (Silica and Phosphoric Acid combined) , in drums.....	70
45550	⊛ Phosphorus , crude, yellow and red mixed, in drums, or in cans in wooden boxes.....	85
45560	⊛ Phosphorus , NOI:	
Sub 1	In inner containers in boxes.....	150
Sub 2	In drums.....	100
45600	⊛ Phosphorus Pentasulfide , dry, in boxes or drums.....	70
45613	⊛ Phthalic Anhydride , with equal to or less than 0.05% maleic anhydride, or Isophthalic Acid , in bags, boxes, drums, intermediate bulk containers (IBCs) or Package 2172.....	70
45615	⊛ Poisonous or Toxic Materials , see Note, item 45616, in U.S. DOT-authorized packaging:	
Sub 1	In Packing Group I:	
Sub 2	Poisonous by inhalation.....	150
Sub 3	Other than poisonous by inhalation.....	125
Sub 4	In Packing Group II.....	85
Sub 5	In Packing Group III.....	70
45616	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 6, Division 6.1, Poisonous or Toxic Material, as defined in 49 CFR §173.132 and required to bear a notice to that effect on bills of lading and packaging.	

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Item	Description	Class
CHEMICALS GROUP: subject to item 42600		
Potassium (Potash): subject to item 45640		
45660	⊛ Alkali Salts , crude, dry, in bags, boxes or drums.....	50
45670	Beet or Cane Residuum , in bags.....	50
45700	Borate , in drums or Package 390.....	70
45710	Bromide:	
Sub 1	In inner containers in boxes or drums.....	100
Sub 2	In bulk in bags, boxes or drums.....	85
45720	Carbonate (Pearlash):	
Sub 1	Other than crude:	
Sub 2	In inner containers in boxes.....	55
Sub 3	In bulk in drums, in bags with waterproof lining or in Packages 27 or 2183.....	55
Sub 4	Crude, in bulk in drums.....	50
45760	⊛ Cyanide Liquor , in boxes or drums.....	70
45860	Potash , wood, crude, in drums.....	50
45870	⊛ Potassium (Potash) Salts , NOI:	
Sub 1	In inner containers in boxes.....	100
Sub 2	In bulk in boxes, drums or intermediate bulk containers (IBCs).....	85
45880	Prussiate , in boxes or drums:	
Sub 1	Red.....	100
Sub 2	Yellow.....	70
45930	⊛ Sulfide (Sulfuret of Potash):	
Sub 1	In inner containers in boxes or drums.....	77.5
Sub 2	In bulk in drums.....	70
45950	Tobacco Crystals (Tobacco Potash Salts) , in bags or drums.....	50
46000	⊛ Propylene Dichloride:	
Sub 1	In boxes, drums or steel cylinders.....	55
Sub 2	In glass carboys.....	100
46025	⊛ Pyroxylin , colloid or paste, in drums.....	85
46040	Rochelle Salts , in boxes or drums.....	92.5
46060	⊛ Silicon Chloride , in drums.....	92.5
46070	Soda (Alkali) Residue , other than liquid, in bulk in drums.....	50
Sodium (Soda): subject to item 46080		
46210	Butyrate Solution , in drums.....	65
46280	Chromate , other than dry (Chromate Solution), in drums.....	70
46320	Diacetate , in bulk in drums.....	70
46340	Fluoride , not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label or placard, see Note, item 46341:	
Sub 1	In five-ply multiple-wall paper bags, or in bulk in boxes or drums.....	70
Sub 2	In inner containers in boxes or drums.....	77.5
46341	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
46350	Formate:	
Sub 1	In bags with waterproof liner, or in bulk in drums.....	70
Sub 2	In inner containers in boxes or drums.....	77.5
46360	Hydrosulfide (Sodium Hydrosulfate or Sodium Sulfhydrate) , not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label or placard, see Note, item 46361, in drums or in woven polypropylene bags complying with Item 200 and having a moisture barrier.....	55
46361	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
46390	Hyposulfite:	
Sub 1	In bags, or in bulk in boxes or drums.....	60
Sub 2	In inner containers in boxes or drums.....	70
46420	⊛ Nitrate of Soda-potash:	
Sub 1	In inner containers in boxes or drums.....	70
Sub 2	In bulk in bags, boxes or drums.....	50
46430	Nitrate-sulfur Mixture , paraffined, in boxes or drums.....	70
46660	Thiocyanate Crystals (Sodium Sulfocyanate Crystals) , in drums.....	77.5
46715	Solutions , blood analysis, consisting of distilled water and mineral additives not exceeding 5 percent, in inner containers in boxes.....	60
46717	Solution , copper plating, in bulk in drums or in inner containers in boxes.....	70
46720	Strontium Bromide , in boxes.....	100

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Present Classification Provisions — Continued

Item	Description	Class
	CHEMICALS GROUP: subject to item 42600	
46750	☉Styrene, liquid, in drums.....	70
	Tar Products: subject to item 46790	
46810	Anthracene , crude, in bags, boxes or drums.....	70
46820	Anthracene , other than crude, in drums.....	100
46840	☉ Coal Tar Naphtha Solvent:	
Sub 1	In bulk in drums or steel cylinders.....	70
Sub 2	In inner containers in boxes or drums.....	77.5
Sub 3	In glass carboys.....	100
46910	Diphenyl , in drums or Package 84.....	70
46940	Mononitrotoluol , other than dry, in drums.....	70
46980	Orthonitrotoluol , in drums.....	70
46990	☉ Paradichlorobenzene (Paradichlorobenzol) or Tetrachloronaphthalene , see Note, item 46992, in boxes or drums.....	70
46992	NOTE—When packaged in a manner representing the product as an insecticide, it will be classed as insecticides, other than agricultural, NOI.	
47030	☉ Tear Gas Solutions , in steel cylinders or drums.....	85
47040	Tellurium Oxide , in boxes or drums.....	100
47050	Terebene , in boxes or drums.....	100
47120	☉ Tin Chloride (Tin Muriate) , liquid:	
Sub 1	In glass carboys.....	100
Sub 2	In boxes or drums.....	85
47130	Tin Chloride, solid (Tin Crystals) , in boxes or drums.....	100
47150	☉ Tin Tetrachloride , anhydrous, in boxes or drums.....	92.5
47210	Tungsten Oxide or Tungstic Acid , in boxes or drums.....	200
47250	Wool Stripping Compound , liquid, in drums.....	65
47280	Zinc:	
47290	Ammonium Chloride , in bags, drums or Package 390.....	65
47300	Borate , dry, in doublewall or multiple-wall paper bags, or in bulk in boxes or drums.....	70
47310	Carbonate , in bulk in drums or four-ply paper bags.....	70
47320	Chloride , chromated, in drums.....	70
47360	☉ Hydrosulfite , in drums.....	70
47400	☉ Salts , NOI:	
Sub 1	In inner containers in boxes or drums.....	100
Sub 2	In bulk in multiple-wall paper bags, boxes or drums.....	92.5
47410	Sulfate:	
Sub 1	In bags, or in bulk in boxes or drums.....	55
Sub 2	In inner containers in boxes.....	60
	GASES OR CRYOGENIC LIQUIDS GROUP: subject to item 85500	
85890	☉ Gases or Gas Mixtures , flammable, see Note, item 85891, in metal cylinders, or in containers in boxes or crates..	125
85891	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 2, Division 2.1, Flammable Gas, as defined in 49 CFR §173.115 and required to bear a notice to that effect on bills of lading and packaging.	

Package 84

In four-ply multiple-wall paper bags meeting the requirements of Item 200, except that total basis weight of all plies must be not less than 190 pounds, one ply consisting of plastic coated Kraft paper. Net weight not to exceed 50 pounds.

Package 202

In three-ply extensible Kraft paper constructed as follows: One ply of 50 pound; one ply of 50 pound coated with plastic; one ply of 60 pound extensible Kraft paper. Net weight not to exceed 60 pounds.

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Package 278

SHIPPING CONTAINER: A bag-in-box type container having a maximum capacity of 5 gallons (nominal).

Box—Regular slotted container (RSC) or center special slotted container (CSSC) of corrugated fiberboard testing 350 pounds. For boxes having capacities of 6 quarts (nominal) or less, container may be of corrugated fiberboard testing not less than 200 pounds. RSC containers must have top and bottom pads of corrugated fiberboard testing 350 pounds, full dimension of container. Box may have die-cut area of minimum size to provide access to an inside closure part for dispensing purposes. Box construction and closure must be effected by means other than metal fasteners such as staples or stitching.

Bag—One double thickness polyethylene bag, each ply not less than 3 mil in thickness, of sufficient size and capacity to be capable of coming into contact with all interior surfaces of box when closed. Each bag ply must be individually and securely heat sealed or when common seals are utilized, the seal must be not less than $\frac{1}{8}$ inch wide. Discharge or dispensing tubes must be securely plugged, crimped or heat-sealed. All fasteners, fittings, or fixtures used in closure or dispensing methods must be of a material other than metal.

GROSS WEIGHT: Not to exceed 65 pounds.

Package 693

In four-ply extensible bags meeting the requirements of Item 200, Table C, with bag being constructed as follows: three plies of 50 pound and one ply of 60 pounds basis weight paper with two plies coated with polyethylene sufficient to provide a vapor or moisture proof barrier.

Package 2067

In four-ply multiple-wall paper bags meeting the requirements of Item 200 except that total basis weight of all plies must not be less than 200 pounds. Bags must have a 5 mil polyethylene inner liner. Net weight not to exceed 100 pounds.

Package 2083

In three-ply extensible Kraft paper bags meeting the requirements of Item 200, Sec. 2, Table C, having a total basis weight of not less than 160 pounds. Two inner plies of 50 pound basis weight extensible Kraft and the exterior ply of 60 basis weight extensible Kraft coated with not less than $7\frac{1}{2}$ pounds of polyethylene per ream. Net weight must not exceed 50 pounds.

Package 2162

In bulk in four-ply multiple-wall paper bags constructed of four plies of 45 pound high-stretch (17 percent) creped Kraft paper. Bag must be closed by tape over sewn top and bottom. Net weight of contents must not exceed 100 pounds.

Package 2172

In three-ply multiple-wall paper bags meeting the requirements of Item 200, except that total basis weight of all plies must not be less than 150 pounds. Net weight not to exceed 56 pounds (25 kilograms).

Package 2431

In bags constructed as follows: one thickness of high density polyethylene film consisting of two plies of mono-axially oriented film cross-laminated so that the orientation of each ply is at right angles to the other so as to provide a nominal thickness of 2.5 mils; two plies of 50 pound natural Kraft and one ply of 60 pound natural Kraft basis weight paper. Net weight of contents not to exceed 50 pounds.

SUBJECT 1

Proposed Classification Provisions

Item	Description	Class
	CHEMICALS GROUP: subject to item 42600	
42605	Abietic Acid , etc...☒Cancel; see item 45322 or 43940.	
	Ammonium: subject to item 42930	
42940	Bicarbonate , ►not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label or placard, see Note, item A-NEW:	
Sub 1	In inner containers in boxes	70
Sub 2	In bulk in drums, or Packages 351 or 2183	60
★A-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
42970	Borate or Biborate , etc...☒Cancel; believed to be obsolete.	
42990	Carbonate , ►not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label or placard, see Note, item B-NEW:	
Sub 1	In inner containers in boxes	77.5
Sub 2	In bulk in drums.....	70
★B-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
43000	Chloride (Muriate of Ammonia or Sal Ammoniac) , etc...☒Cancel; see item 45322.	
43030	Nitrate, Magnesia and Pulp Mixture , ►not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label or placard, see Note, item C-NEW, in drums	70
★C-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
43040	Nitrate, Sodium Nitrate Mixture , etc...☒Cancel; believed to be obsolete.	
43090	► Sulfate , not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label or placard, see Note, item D-NEW:	
Sub 1	In inner containers in boxes	65
Sub 2	In bulk in bags or drums.....	50
★D-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
43110	Sulfide , dry, etc...☒Cancel; believed to be obsolete.	
43130	Thiocyanate (Ammonium Sulfocyanate) Liquor , etc...☒Cancel; believed to be obsolete.	
43140	Thiosulfate Solution , etc...☒Cancel; believed to be obsolete.	
43150	Thiocyanate Crystals (Ammonium Sulfocyanate Crystals) , etc...☒Cancel; believed to be obsolete.	
43200	Antimony Crocus , etc...☒Cancel; believed to be obsolete.	
43210	Antimony Lactate , etc...☒Cancel; see item 45615.	
	Barium: subject to item 43300	
43310	Aluminate , etc...☒Cancel; believed to be obsolete.	
43350	Chloride , etc...☒Cancel; see item 45615.	
43370	Fluoride , etc...☒Cancel; believed to be obsolete.	
43380	Hydrate , etc...☒Cancel; believed to be obsolete.	
43415	Stearate , etc...☒Cancel; believed to be obsolete.	
43450	Sulfide , etc...☒Cancel; believed to be obsolete.	
43500	Beverage Stabilizing or Chillproofing Compounds , etc...☒Cancel; believed to be obsolete.	
43560	Bromine Salts , crude, NOI, for treating ores, etc...☒Cancel; believed to be obsolete.	
43565	☉ Butadiene , etc...☒Cancel; see item 85890.	
43580	Butyl Lactate , etc...☒Cancel; believed to be obsolete.	
43590	Butyl Stearate , etc...☒Cancel; believed to be obsolete.	
43610	Cadmium Salts , NOI, etc...☒Cancel; believed to be obsolete.	
	Calcium: subject to item 43620	
43640	Aconitate , etc...☒Cancel; believed to be obsolete.	
43650	☉ Bisulfite , etc...☒Cancel; believed to be obsolete.	
43660	Bromide , etc...☒Cancel; believed to be obsolete.	
43680	☉ Calcium or Lime Salts , NOI, etc...☒Cancel; believed to be obsolete.	
43690	☉ Carbide , etc...☒Cancel; see item 44515.	
43692	NOTE—☒Cancel; no further application.	
43710	Carbonate , recarbonated waste (Whiting Substitute), etc...☒Cancel; believed to be obsolete.	
43750	☉ Cyanamide (Lime-Nitrogen) , etc...☒Cancel; see item 44155.	
43780	Molybdate , etc...☒Cancel; believed to be obsolete.	
43860	Sulfite , etc...☒Cancel; believed to be obsolete.	

SUBJECT 1

Proposed Classification Provisions — Continued

Item	Description	Class
	CHEMICALS GROUP: subject to item 42600	
43870	Carbo-nitrate , etc...☒Cancel; believed to be obsolete.	
43920	Chalk , crude, etc...☒Cancel; believed to be obsolete.	
43940	☑ Chemicals , NOI, see Note, item 43942:	
Sub 1	▶ In glass carboys.....	100
Sub 2	In bags, boxes, drums or Packages 2258, 2456 or 2499.....	85
△43942	NOTE—Also applies on accompanying accessorial bleeding sets or holders with or without needles attached. The total weight of such named accessorial articles must not exceed 10 percent of the weight upon which charges are assessed.	
43944	☑ Chemicals , phosphoric, etc...☒Cancel; see item 44515.	
43946	NOTE—☒Cancel; no further application.	
43950	☑ Chloracetophenone , etc...☒Cancel; see item 45615.	
43980	☑ Chloroplatinic Acid; or Acid Compounds or Solutions containing dissolved gold, silver, platinum, palladium, or metals of the platinum group, etc...☒Cancel; see item 44155.	
43990	☑ Chrome Chloride Solution , etc...☒Cancel; see item 44155.	
44000	Chrome Sulfate Solution , etc...☒Cancel; believed to be obsolete.	
44010	Chromium Acetate , etc...☒Cancel; believed to be obsolete.	
44020	☑ Chromium Resinate , etc...☒Cancel; believed to be obsolete.	
44030	Chromium Sulfate , basic, dry, etc...☒Cancel; believed to be obsolete.	
44060	Cobalt Salts , NOI, etc...☒Cancel; believed to be obsolete.	
44070	Cobalt Sulfate , etc...☒Cancel; see item 45322.	
44080	Compounds , plastic or rubber blowing or expanding, dry, ▶not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label or placard, see Note, item E-NEW, in paper lined burlap bags or in boxes or drums	70
★E-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
44090	Copper Acetate (Verdigris) , etc...☒Cancel; see item 45322.	
44100	Copper Carbonate , etc...☒Cancel; believed to be obsolete.	
44110	Copper Oleate , etc...☒Cancel; believed to be obsolete.	
44120	Copper Oxide , etc...☒Cancel; believed to be obsolete.	
44122	NOTE—☒Cancel; no further application.	
44130	Copper Oxide , NOI, ▶not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label or placard, see Note, item F-NEW, in boxes, drums or five-ply paper bags.....	70
★F-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
44140	☑ Copper Resinate , etc...☒Cancel; see item 44500.	
44150	☑ Copper Sulfate (Blue Vitriol) , etc...☒Cancel; see item 45322.	
△44155	☑ Corrosive Materials , NOI, see Note, item 44156, in U.S. DOT-authorized packaging:	
Sub 1	In Packing Group I.....	92.5
Sub 2	In Packing Group II.....	85
Sub 3	In Packing Group III.....	70
△44156	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 8, Corrosive Material, as defined in 49 CFR §173.136 and required to bear a notice to that effect on bills of lading and packaging.	
44160	Cream Tartar , ▶not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label or placard, see Note, item G-NEW, in boxes, drums or five-ply paper bags	70
★G-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
44170	☑ Crotonaldehyde , etc...☒Cancel; see item 45615.	
44180	Cryolite , etc...☒Cancel; see item 45322.	
44190	Cyanamide , etc...☒Cancel; believed to be obsolete.	
44230	☑ Diacetone , etc...☒Cancel; see item 44500.	
44240	Dibutyl, Diethyl or Dimethyl Phthalate , ▶not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label or placard, see Note, item H-NEW, in boxes or drums.....	55
★H-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	

SUBJECT 1

Proposed Classification Provisions — Continued

Item	Description	Class
	CHEMICALS GROUP: subject to item 42600	
44290	Dicyandiamide , etc...☒Cancel; believed to be obsolete.	
44320	☒ Diisobutyl Carbinol , etc...☒Cancel; believed to be obsolete.	
44370	Dodecylbenzene or Dodecyltoluene , etc...☒Cancel; believed to be obsolete.	
44460	☒ Ethyl Acetate , etc...☒Cancel; see item 44500.	
44480	Ethylidene Aniline , etc...☒Cancel; believed to be obsolete.	
△44500	☒ Flammable Liquids, NOI; or Combustible Liquids in bulk containers with a maximum capacity greater than 119 gallons, NOI; see Note, item 44501, in U.S. DOT-authorized packaging:	
Sub 1	In Packing Group I.....	100
Sub 2	In Packing Group II.....	92.5
Sub 3	In Packing Group III.....	85
△44501	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 3: Flammable Liquid; or Combustible Liquid in bulk containers; as defined in 49 CFR §173.120 and required to bear a notice to that effect on bills of lading and packaging.	
△44515	☒ Flammable Solid, Spontaneously Combustible or Dangerous When Wet Materials, NOI , see Note, item 44516, in U.S. DOT-authorized packaging:	
	Offered for transportation as a Hazard Class 4, Division 4.3:	
Sub 1	In Packing Group I.....	110
Sub 3	In Packing Group II.....	100
Sub 4	In Packing Group III.....	92.5
Sub 5	Offered for transportation as a Hazard Class 4, Division 4.2:	
Sub 6	In Packing Group I.....	150
Sub 7	In Packing Group II.....	92.5
Sub 8	In Packing Group III.....	85
Sub 9	Offered for transportation as a Hazard Class 4, Division 4.1:	
Sub 10	In Packing Group I.....	125
Sub 11	In Packing Group II.....	85
Sub 12	In Packing Group III.....	77.5
△44516	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 4: Division 4.1, Flammable Solid, other than Self-reactive Material; Division 4.2, Spontaneously Combustible Material; or Division 4.3, Dangerous When Wet Material; as defined in 49 CFR §173.124 and required to bear a notice to that effect on bills of lading and packaging. For classes applicable to Self-reactive Material, see item 46047.	
44520	Formaldehyde , dry, etc...☒Cancel; believed to be obsolete.	
44550	Formaldehyde Aniline , etc...☒Cancel; believed to be obsolete.	
▶44565	Fuel , ration heating, chemical composition, containing not less than 90 percent trioxane (Fuel Heating Bars), not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label or placard, see Note, item I-NEW, in boxes.....	70
★I-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
44567	☒ Fumaric Acid , dry, etc...☒Cancel; believed to be obsolete.	
44570	Furfural , etc...☒Cancel; see item 45615.	
44571	NOTE—☒Cancel; no further application.	
44590	☒ Glycerine, crude (Spent Lye) , concentrated, or Crude Glycerine , other than spent lye, etc...☒Cancel; believed to be obsolete.	
44600	Glycerine, crude (Spent Lye) , not concentrated, etc...☒Cancel; believed to be obsolete.	
44610	Glycerine , other than crude, etc...☒Cancel; believed to be obsolete.	
44620	Glycols , etc...☒Cancel; believed to be obsolete.	
44625	☒ Halogenated Monomethyldiphenyl-Methanes, Polychlorinated Biphenyls (PCBs), Polyhalogenated Biphenyls or Polyhalogenated Terphenyls , see Note, item 44626...☒Cancel; see item 45322 or 43940.	
44626	NOTE—☒Cancel; no further application.	
44645	Hydroxy Acetic Acid , ▶not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label or placard, see Note, item J-NEW, in bulk in drums.....	70
★J-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
44650	Indigo , dry, etc...☒Cancel; believed to be obsolete.	
44660	Indigo , liquid or paste, etc...☒Cancel; believed to be obsolete.	
44670	Iron :...☒Cancel; no further application.	
44680	Acetate (Iron Liquor) , etc...☒Cancel; believed to be obsolete.	
44700	Carbonate , etc...☒Cancel; believed to be obsolete.	
44710	Chloride (Iron Muriate) , dry, etc...☒Cancel; see item 44155.	
44720	☒ Chloride (Iron Muriate) , other than crude, liquid, etc...☒Cancel; see item 44155.	
44760	☒ Nitrate , etc...☒Cancel; see item 45467.	

SUBJECT 1

Proposed Classification Provisions — Continued

Item	Description	Class
	CHEMICALS GROUP: subject to item 42600	
	Iron: subject to item 44670	
44770	Oxide Catalyst, etc...☒Cancel; see item 44515.	
▶44780	Iron Oxide, other than spent:	
Sub 1	In bags, in bulk in drums or in Package 2231	55
Sub 2	In containers in boxes or drums	65
44790	Sulfate (Ferric Sulfate), crude, dry, soluble iron content not to exceed 25 percent by weight, etc...☒Cancel; believed to be obsolete.	
44800	Sulfate (Ferric Sulfate), dry, etc...☒Cancel; believed to be obsolete.	
44810	Sulfate (Ferric Sulfate), other than dry (Ferric Sulfate Solution), etc...☒Cancel; believed to be obsolete.	
44820	Sulfate (Ferrous Sulfate) (Copperas), etc...☒Cancel; see item 45322.	
44830	Sulfide, etc...☒Cancel; believed to be obsolete.	
44865	Isopropylidene Bisphenol, etc...☒Cancel; see item 45322.	
44870	Lead:...☒Cancel; no further application.	
44900	Oleate, etc...☒Cancel; see item 44500.	
44930	Resinate, etc...☒Cancel; believed to be obsolete.	
44940	Silicate, etc...☒Cancel; believed to be obsolete.	
44970	Lime, chlorinated (Chloride of Lime, Bleach, NOI, or Bleaching Powder, NOI), see Note, item 44982...☒Cancel; no further application.	
44980	☒Dry, etc...☒Cancel; see item 45467.	
44982	NOTE—☒Cancel; no further application.	
45000	☒Liquid (aqueous solution), etc...☒Cancel; see item 45467.	
45020	Lime Water, etc...☒Cancel; believed to be obsolete.	
	Magnesium: subject to item 45030	
45060	☒Fluosilicate (Magnesium Silicofluoride), etc...☒Cancel; see item 45615.	
	Manganese: subject to item 45150	
45170	Borate, etc...☒Cancel; believed to be obsolete.	
45175	Chloride (Manganese Muriate), etc...☒Cancel; believed to be obsolete.	
45180	Phosphate, etc...☒Cancel; believed to be obsolete.	
45240	☒Methallyl Chloride, etc...☒Cancel; see item 44500.	
45295	Methyl Glucoside, etc...☒Cancel; believed to be obsolete.	
△45322	☒Miscellaneous Hazardous Materials, NOI, including Environmentally Hazardous Substances, NOI, or Other Regulated Substances, NOI, see Notes, items 45323 and 45324, in U.S. DOT-authorized packaging, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 20	100
Sub 2	20 but less than 30	70
Sub 3	30 or greater	60
△45323	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 9, Miscellaneous Hazardous Material, other than Hazardous Waste, as defined in 49 CFR §173.140 and required to bear a notice to that effect on bills of lading and packaging. For provisions applicable to Hazardous Waste, see item 196160.	
△45324	NOTE—Also applies on Marine Pollutants not specifically listed in 49 CFR §172.101, Hazardous Materials Table, and that do not meet the definition of Hazard Classes 1 through 8.	
45330	☒Monoethanolamine, Diethanolamine or Triethanolamine, etc...☒Cancel; see item 44155.	
45370	Nickel Ammonium Sulfate, etc...☒Cancel; believed to be obsolete.	
45380	Nickel Carbonate, etc...☒Cancel; believed to be obsolete.	
45390	Nickel Chloride, etc...☒Cancel; believed to be obsolete.	
45400	Nickel Oxide, etc...☒Cancel; believed to be obsolete.	
45410	Nickel Plating Solution, etc...☒Cancel; believed to be obsolete.	
45420	☒Nickel Salts, NOI, etc...☒Cancel; see item 45615.	
45430	☒Nickel Sulfate or Single Nickel Salts, etc...☒Cancel; see item 45322 or 43940.	
45440	☒Nitro-carbo-nitrate, etc...☒Cancel; see item 44500.	
△45467	☒Oxidizers, NOI, see Note, item 45468, in U.S. DOT-authorized packaging:	
Sub 1	In Packing Group I	125
Sub 2	In Packing Group II	100
Sub 3	In Packing Group III	85
△45468	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 5, Division 5.1, Oxidizer, as defined in 49 CFR §173.127 and required to bear a notice to that effect on bills of lading and packaging.	
45480	Paraphenyl Phenol, etc...☒Cancel; see item 45615.	
45510	☒Perchloroethylene, etc...☒Cancel; see item 45615.	
45530	Phosphoric Catalyst (Silica and Phosphoric Acid combined), etc...☒Cancel; see item 44155.	
45550	☒Phosphorus, crude, yellow and red mixed, etc...☒Cancel; believed to be obsolete.	
45560	☒Phosphorus, NOI, etc...☒Cancel; believed to be obsolete.	
45600	☒Phosphorus Pentasulfide, dry, etc...☒Cancel; believed to be obsolete.	

SUBJECT 1

Proposed Classification Provisions — Continued

Item	Description	Class
	CHEMICALS GROUP: subject to item 42600	
45613	☉ Phthalic Anhydride , with equal to or less than 0.05% maleic anhydride, or Isophthalic Acid , etc...☒Cancel; believed to be obsolete.	
△45615	☉ Poisonous or Toxic Materials , see Note, item 45616, in U.S. DOT-authorized packaging:	
Sub 1	In Packing Group I:	
Sub 2	Poisonous by inhalation	150
Sub 3	Other than poisonous by inhalation	125
Sub 4	In Packing Group II	85
Sub 5	In Packing Group III	70
△45616	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 6, Division 6.1, Poisonous or Toxic Material, as defined in 49 CFR §173.132 and required to bear a notice to that effect on bills of lading and packaging.	
	Potassium (Potash): subject to item 45640	
45660	▶ Alkali Salts , crude, dry, not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label or placard, see Note, item K-NEW, in bags, boxes or drums.....	50
★K-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
45670	Beet or Cane Residuum , etc...☒Cancel; believed to be obsolete.	
45700	Borate , etc...☒Cancel; believed to be obsolete.	
45710	Bromide , etc...☒Cancel; believed to be obsolete.	
45720	Carbonate (Pearlash) , ▶not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label or placard, see Note, item L-NEW:	
Sub 1	Other than crude:	
Sub 2	In inner containers in boxes.....	55
Sub 3	In bulk in drums, in bags with waterproof lining or in Packages 27 or 2183.....	55
Sub 4	Crude, in bulk in drums	50
★L-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
45760	☉ Cyanide Liquor , etc...☒Cancel; see item 45615.	
45860	Potash , wood, crude, etc...☒Cancel; believed to be obsolete.	
45870	▶ Potassium (Potash) Salts , NOI, not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label or placard, see Note, item M-NEW:	
Sub 1	In inner containers in boxes	100
Sub 2	In bulk in boxes, drums or intermediate bulk containers (IBCs)	85
★M-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
45880	Prussiate , etc...☒Cancel; believed to be obsolete.	
45930	☉ Sulfide (Sulfuret of Potash) , etc...☒Cancel; believed to be obsolete.	
45950	Tobacco Crystals (Tobacco Potash Salts) , etc...☒Cancel; believed to be obsolete.	
46000	☉ Propylene Dichloride , etc...☒Cancel; see item 44500.	
46025	☉ Pyroxylin , colloid or paste, etc...☒Cancel; see item 44500.	
46040	Rochelle Salts , etc...☒Cancel; believed to be obsolete.	
46060	☉ Silicon Chloride , etc...☒Cancel; see item 44155.	
46070	Soda (Alkali) Residue , other than liquid, etc...☒Cancel; believed to be obsolete.	
	Sodium (Soda): subject to item 46080	
46210	Butyrate Solution , etc...☒Cancel; believed to be obsolete.	
46280	Chromate , other than dry (Chromate Solution), etc...☒Cancel; believed to be obsolete.	
46320	Diacetate , etc...☒Cancel; believed to be obsolete.	
46340	Fluoride , not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label or placard, see Note, item 46341, etc...☒Cancel; believed to be obsolete.	
46341	NOTE—☒Cancel; no further application.	
46350	Formate , etc...☒Cancel; see item 45615.	
46360	Hydrosulfide (Sodium Hydrosulfate or Sodium Sulfydrate) , not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label or placard, see Note, item 46361, etc...☒Cancel; believed to be obsolete.	
46361	NOTE—☒Cancel; no further applicaiton.	
46390	Hyposulfite , etc...☒Cancel; see item 44155.	

SUBJECT 1

Proposed Classification Provisions — Continued

Item	Description	Class
	CHEMICALS GROUP: subject to item 42600	
	Sodium (Soda): subject to item 46080	
46420	▶ Nitrate of Soda-potash , not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label or placard, see Note, item N-NEW:	
Sub 1	In inner containers in boxes or drums.....	70
Sub 2	In bulk in bags, boxes or drums.....	50
★N-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
46430	Nitrate-sulfur Mixture , paraffined, etc...☒Cancel; believed to be obsolete.	
46660	Thiocyanate Crystals (Sodium Sulfocyanate Crystals) , etc...☒Cancel; believed to be obsolete.	
46715	Solutions , blood analysis, consisting of distilled water and mineral additives not exceeding 5 percent, etc...☒Cancel; believed to be obsolete.	
46717	Solution , copper plating, etc...☒Cancel; see item 44155.	
46720	Strontium Bromide , etc...☒Cancel; believed to be obsolete.	
46750	☒ Styrene , liquid, etc...☒Cancel; see item 44500.	
	Tar Products: subject to item 46790	
46810	Anthracene , crude, etc...☒Cancel; believed to be obsolete.	
46820	Anthracene , other than crude, etc...☒Cancel; believed to be obsolete.	
46840	☒ Coal Tar Naphtha Solvent , etc...☒Cancel; see item 44500.	
46910	Diphenyl , etc...☒Cancel; believed to be obsolete.	
46940	Mononitrotoluol , other than dry, etc...☒Cancel; believed to be obsolete.	
46980	Orthonitrotoluol , etc...☒Cancel; believed to be obsolete.	
46990	☒ Paradichlorobenzene (Paradichlorobenzol) or Tetrachloronaphthalene , see Note, item 46992, etc...☒Cancel; believed to be obsolete.	
46992	NOTE—☒Cancel; no further application.	
47030	☒ Tear Gas Solutions , etc...☒Cancel; see item 45615.	
47040	Tellurium Oxide , etc...☒Cancel; believed to be obsolete.	
47050	Terebene , etc...☒Cancel; believed to be obsolete.	
47120	☒ Tin Chloride (Tin Muriate) , liquid, etc...☒Cancel; see item 44155.	
47130	Tin Chloride , solid (Tin Crystals), etc...☒Cancel; believed to be obsolete.	
47150	☒ Tin Tetrachloride , anhydrous, etc...☒Cancel; see item 44155.	
47210	Tungsten Oxide or Tungstic Acid , etc...☒Cancel; believed to be obsolete.	
47250	Wool Stripping Compound , liquid, etc...☒Cancel; believed to be obsolete.	
47280	Zinc: ...☒Cancel; no further application.	
▶47290	Zinc Ammonium Chloride , in bags, drums or Package 390.....	65
47300	Borate , dry, etc...☒Cancel; see item 45322.	
47310	Carbonate , etc...☒Cancel; believed to be obsolete.	
47320	Chloride , etc...☒Cancel; believed to be obsolete.	
47360	☒ Hydrosulfite , etc...☒Cancel; see item 45322.	
▶47400	Zinc Salts , NOI, not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label or placard, see Note, item O-NEW:	
Sub 1	In inner containers in boxes or drums.....	100
Sub 2	In bulk in multiple-wall paper bags, boxes or drums.....	92.5
★O-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
▶47410	Zinc Sulfate:	
Sub 1	In bags, or in bulk in boxes or drums.....	55
Sub 2	In inner containers in boxes.....	60
	GASES OR CRYOGENIC LIQUIDS GROUP: subject to item 85500	
△85890	☒ Gases or Gas Mixtures , flammable, see Note, item 85891, in metal cylinders, or in containers in boxes or crates..	125
△85891	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 2, Division 2.1, Flammable Gas, as defined in 49 CFR §173.115 and required to bear a notice to that effect on bills of lading and packaging.	

Package 84

☒Cancel; no further application.

Package 202

☒Cancel; no further application.

SUBJECT 1**Proposed Classification Provisions — Concluded**

- | | |
|---|---------------------|
| <input checked="" type="checkbox"/> Cancel; no further application. | Package 278 |
| <input checked="" type="checkbox"/> Cancel; no further application. | Package 693 |
| <input checked="" type="checkbox"/> Cancel; no further application. | Package 2067 |
| <input checked="" type="checkbox"/> Cancel; no further application. | Package 2083 |
| <input checked="" type="checkbox"/> Cancel; no further application. | Package 2162 |
| <input checked="" type="checkbox"/> Cancel; no further application. | Package 2172 |
| <input checked="" type="checkbox"/> Cancel; no further application. | Package 2431 |

Analysis and Conclusion

To improve the usability of the NMFC, to provide classes reflective of the materials' transportation characteristics, and to provide minimum packaging requirements appropriate for the LTL environment, this proposal would update the Chemicals Group by: canceling provisions for specific hazardous materials with reference to the respective general hazardous materials items; canceling obsolete provisions; canceling numbered packages, on the recommendation of the FDC's Packaging Manager; and making other changes in the interest of clarification, simplification and uniformity.