

1	Satisfactory
2	Fair (usually OK for static seal)
3	Doubtful (sometimes OK for static seal)
4	Unsatisfactory
x	Insufficient Data

CHEMICAL	EPDM	VITON
Acetaldehyde	2	4
Acetamide	1	3
Acetanilide	1	3
Acetic Acid, 30%	1	X
Acetic Acid, 5%	1	1
Acetic Acid, Glacial	1	2
Acetic Acid, Hot, High Pressure	3	4
Acetic Anhydride	2	4
Acetoacetic Acid	1	3
Acetone	1	4
Acetone Cyanohydrin	1	3
Acetonitrile	1	1
Acetophenetidine	4	1
Acetophenone	1	4
Acetotoluidide	4	1
Acetyl Acetone	1	4
Acetyl Bromide	1	1
Acetyl Chloride	4	1
Acetylene	1	1
Acetylene Tetrabromide	1	1
Acetylene Tetrachloride	1	1
Acetylsalicylic Acid	4	1
Acrolein	1	3
Acrylic Acid	4	1
Acrylonitrile	4	3
Adipic Acid	2	X
Aliphatic Dicarboxylic Acid	4	1
Alkanes (Paraffin Hydrocarbons)	4	1
Alkanesulfonic Acid	4	1
Alkazene	4	2
Alkenes (Olefin Hydrocarbons)	4	1
Alkyl Acetone	1	3
Alkyl Alcohol	4	1
Alkyl Amine	4	1
Alkyl Aryl Sulfonates	4	1
Alkyl Aryl Sulfonics	4	1
Alkyl Benzene	4	1

Alkyl Chloride	4	1
Alkyl Sulfide*	4	1
Alkyl naphthalene Sulfonic Acid	4	1
Allyl Chloride	4	1
Allylidene Diacetate	1	3
Alpha Picoline	1	3
Aluminum Acetate	1	4
Aluminum Bromide	1	1
Aluminum Chlorate	1	3
Aluminum Chloride	1	1
Aluminum Fluoride	1	1
Aluminum Formate	1	3
Aluminum Hydroxide	1	2
Aluminum Linoleate	4	1
Aluminum Nitrate	1	1
Aluminum Oxalate	1	3
Aluminum Phosphate	1	1
Aluminum Potassium Sulfate	1	3
Aluminum Salts	1	1
Aluminum Sodium Sulfate	1	3
Aluminum Sulfate	1	1
Alums-NH3 -Cr -K	1	4
Ambrex 33 (Mobil)	4	1
Ambrex 830 (Mobil)	3	1
Amines-Mixed	2	4
Aminoanthraquinone	X	X
Aminoazobenzene	X	X
Aminobenzene Sulfonic Acid	X	X
Aminobenzoic Acid	X	X
Aminopyridine	X	X
Aminosalicylic Acid	X	X
Ammonia (Anhydrous)	1	4
Ammonia and Lithium Metal in Solu	2	4
Ammonia, Gas, Cold	1	4
Ammonia, Gas, Hot	2	4
Ammonia, Liquid (Anhydrous)	1	4
Ammonium Acetate	1	3
Ammonium Arsenate	1	3
Ammonium Benzoate	1	3
Ammonium Bicarbonate	1	3
Ammonium Bisulfite	1	3
Ammonium Bromide	1	1
Ammonium Carbamate	1	3
Ammonium Carbonate	1	1
Ammonium Chloride, 2N	1	1
Ammonium Citrate	1	3
Ammonium Dichromate	1	3

Ammonium Diphosphate	1	3
Ammonium Fluoride	1	1
Ammonium Fluorosilicate*	X	X
Ammonium Formate	1	3
Ammonium Hydroxide, 3 Molar	1	3
Ammonium Hydroxide, Concentrate	1	4
Ammonium Iodide	1	1
Ammonium Lactate	1	3
Ammonium Metaphosphate	1	3
Ammonium Molybdenate*	1	3
Ammonium Nitrate, 2N	1	X
Ammonium Nitrite	1	X
Ammonium Oxalate	1	3
Ammonium Perchlorate	1	3
Ammonium Perchloride	X	X
Ammonium Persulfate 10%	1	X
Ammonium Persulfate Solution	1	X
Ammonium Phosphate	1	4
Ammonium Phosphate, Dibasic	1	X
Ammonium Phosphate, Mono-Basic	1	X
Ammonium Phosphate, Tribasic	1	X
Ammonium Phosphite	1	3
Ammonium Picrate	1	3
Ammonium Polysulfide	1	3
Ammonium Salicylate	1	3
Ammonium Salts	1	3
Ammonium Sulfamate	1	3
Ammonium Sulfate	1	4
Ammonium Sulfate Nitrate	1	4
Ammonium Sulfide	1	4
Ammonium Sulfite	1	3
Ammonium Thiocyanate	1	3
Ammonium Thioglycolate	1	3
Ammonium Thiosulfate	1	3
Ammonium Tungstate	1	3
Ammonium Valerate	1	3
Amyl Acetate	3	4
Amyl Alcohol	1	2
Amyl Borate	4	1
Amyl Butyrate	4	1
Amyl Chloride	4	1
Amyl Chloronaphthalene	4	1
Amyl Cinnamic Aldehyde	4	1
Amyl Laurate	4	1
Amyl Mercaptan	4	1
Amyl Naphthalene	4	1
Amyl Nitrate	1	3

Amyl Nitrite	1	3
Amyl Phenol	X	X
Amyl Propionate	4	1
Aniline	2	3
Aniline Dyes	2	2
Aniline Hydrochloride	2	2
Aniline Oil	2	3
Aniline Sulfate	1	3
Aniline Sulfite	1	3
Animal Fats	2	1
Animal Oil (Lard Oil)	2	1
Anisole	X	X
Anisoyl Chloride	X	X
AN-O-3 Grade M	4	1
Anthracene	4	1
Anthranilic Acid	X	X
Anthraquinone	X	X
Anti-freeze Solutions	1	3
Antimony Chloride	4	1
Antimony Pentachloride	4	1
Antimony Pentafluoride	X	X
Antimony Sulfate	X	X
Antimony Tribromide	4	1
Antimony Trichloride	4	1
Antimony Trifluoride	4	1
Antimony Trioxide	4	1
AN-VV-O-366b Hydr. Fluid	4	1
Aqua Regia	3	2
Arachidic Acid	X	X
Argon	1	1
Aroclor, 1248	2	1
Aroclor, 1254	2	1
Aroclor, 1260	x	1
Aromatic Fuel -50%	4	1
Arsenic Acid	1	1
Arsenic Oxide	X	X
Arsenic Trichloride	4	4
Arsenic Trioxide	4	4
Arsenic Trisulfide	4	4
Arsenites	X	X
Arsine	X	X
Aryl Orthosilicate	X	X
Ascorbic Acid	1	3
Askarel Transformer Oil	4	1
Aspartic Acid	1	3
Asphalt	4	1
ASTM Oil, No. 1	4	1

ASTM Oil, No. 2	4	1
ASTM Oil, No. 3	4	1
ASTM Oil, No. 4	4	1
ASTM Oil, No. 5	4	1
ASTM Reference Fuel A	4	1
ASTM Reference Fuel B	4	1
ASTM Reference Fuel C	4	1
ASTM Reference Fuel D	4	1
ATL-857	4	1
Atlantic Dominion F	4	1
Atlantic Utro Gear-e	4	1
Atlantic Utro Gear-EP Lube	4	1
Aure 903R (Mobil)	4	1
AUREX 256	X	X
Automatic Transmission Fluid	4	1
Automotive Brake Fluid	1	4
AXAREL 9100	X	X
Azobenzene	X	X
Bardol B	4	1
Barium Carbonate	1	3
Barium Chlorate	1	3
Barium Chloride	1	1
Barium Cyanide	1	1
Barium Hydroxide	1	1
Barium Iodide	1	1
Barium Nitrate	1	3
Barium Oxide	1	1
Barium Peroxide	1	3
Barium Polysulfide	1	3
Barium Salts	1	1
Barium Sulfate	1	1
Barium Sulfide	1	1
Bayol 35	4	1
Bayol D	4	1
Beer	1	1
Beet Sugar Liquids	1	1
Beet Sugar Liquors	1	1
Benzaldehyde	1	4
Benzaldehyde Disulfonic Acid	X	X
Benzamide	4	1
Benzanthrone	4	1
Benzene	4	1
Benzene Hexachloride	X	X
Benzenesulfonic Acid 10%	4	1
Benzidine	4	1
Benzidine 3 Sulfonic Acid	4	1
Benzil	4	1

Benzilic Acid	4	1
Benzine (Ligroin)	4	1
Benzocatechol	4	1
Benzochloride	1	1
Benzoic Acid	4	1
Benzoin	4	1
Benzonitrile	1	3
Benzophenone	2	1
Benzoquinone	2	1
Benzotrichloride	1	1
Benzotrifluoride	1	1
Benzoyl Chloride	X	1
Benzoyl Peroxide	X	X
Benzoylsulfonic Acid	4	1
Benzyl Acetate	1	3
Benzyl Alcohol	2	1
Benzyl Amine	X	X
Benzyl Benzoate	4	1
Benzyl Bromide	4	1
Benzyl Butyl Phthalate	1	3
Benzyl Chloride	4	1
Benzyl Phenol	4	1
Benzyl Salicylate	4	1
Beryllium Chloride	1	1
Beryllium Fluoride	1	1
Beryllium Oxide	1	1
Beryllium Sulfate	1	3
Bismuth Carbonate	1	3
Bismuth Nitrate	1	3
Bismuth Oxychloride	1	3
Bittern	X	X
Black Liquor	1	1
Black Point 77	1	1
Blast Furnace Gas	4	1
Bleach Liquor	1	1
Bleach Solutions	1	1
Borax	1	1
Borax Solutions	1	1
Bordeaux Mixture	1	1
Boric Acid	1	1
Boric Oxide	1	3
Borneol	4	1
Bornyl Acetate	4	1
Bornyl Chloride	4	1
Bornyl Formate	4	1
Boron Fluids (HEF)	4	1
Boron Hydride	X	X

Boron Phosphate	X	X
Boron Tribromide	X	X
Boron Trichloride	X	X
Boron Trifluoride	X	X
Boron Trioxide	X	X
Brake Fluid DOT3 (Glycol Type)	1	4
Bray GG-130	4	1
Brayco 719-R (VV-H-910)	1	4
Brayco 885 (MIL-L-6085A)	4	1
Brayco 910	1	4
Bret 710	1	4
Brine	1	1
Brine (Seawater)	3	1
Brom - 113	4	X
Brom - 114	4	2
Bromic Acid	1	3
Bromine	4	1
Bromine Pentafluoride Factory	4	4
Bromine Trifluoride Factory	4	4
Bromine Water	2	1
Bromobenzene	4	1
Bromobenzene Cyanide	1	3
Bromochlorotrifluoroethane (Haloth	4	1
Bromoform	4	1
Bromomethane (Methyl Bromide)	4	1
Bromotrifluoroethylene (BFE)	X	X
Bromotrifluoromethane (F-13B1)	X	X
Brucine Sulfate	1	3
Buffered Oxide Etchants	X	X
Bunker Oil	4	1
Bunker's "C" (Fuel Oil)	X	1
Butadiene (Monomer)	4	1
Butane	4	1
Butane, 2, 2-Dimethyl	4	1
Butane, 2, 3-Dimethyl	4	1
Butanedial	1	3
Butanol (Butyl Alcohol)	2	1
Butene 2-Ethyl (1-Butene 2-Ethyl)	4	1
Butter-Animal Fat	1	1
Butyl Acetate or n-Butyl Acetate	2	4
Butyl Acetyl Ricinoleate	1	1
Butyl Acrylate	1	4
Butyl Alcohol	2	1
Butyl Alcohol (Secondary)	2	1
Butyl Alcohol (Tertiary)	2	1
Butyl Amine or N-Butyl Amine	3	4
Butyl Benzoate	1	3

Butyl Benzoate or n-Butyl Benzoate	1	1
Butyl Benzolate	X	X
Butyl Butyrate or n-Butyl Butyrate	1	1
Butyl Carbitol	1	3
Butyl Cellosolve	2	4
Butyl Cellosolve Acetate	1	3
Butyl Cellosolve Adipate	2	2
Butyl Chloride	4	1
Butyl Ether or n-Butyl Ether	3	4
Butyl Glycolate	1	3
Butyl Lactate	1	3
Butyl Laurate	1	3
Butyl Mercaptan (Tertiary)	4	1
Butyl Methacrylate	1	3
Butyl Oleate	2	1
Butyl Oxalate	1	3
Butyl Stearate	4	1
Butylbenzoic Acid	4	1
Butylene	4	1
Butyraldehyde	2	4
Butyric Acid	2	2
Butyric Anhydride	1	3
Butyrolacetone	1	3
Butyryl Chloride	4	1
Cadmium Chloride	1	3
Cadmium Cyanide	1	3
Cadmium Nitrate	1	3
Cadmium Oxide	1	3
Cadmium Sulfate	1	3
Cadmium Sulfide	1	3
Calcine Liquors	1	1
Calcium Acetate	1	4
Calcium Arsenate	1	3
Calcium Benzoate	4	1
Calcium Bicarbonate	1	3
Calcium Bisulfide	1	3
Calcium Bisulfite	1	2
Calcium Bromide	1	1
Calcium Carbide	X	X
Calcium Carbonate	1	1
Calcium Chlorate	1	3
Calcium Chloride	1	1
Calcium Chromate	1	3
Calcium Cyanamide	X	X
Calcium Cyanide	1	X
Calcium Fluoride	1	1
Calcium Gluconate	1	3

Calcium Hydride	1	1
Calcium Hydrosulfide	1	3
Calcium Hydroxide	1	1
Calcium Hypochlorite	1	1
Calcium Hypophosphite	1	3
Calcium Lactate	1	3
Calcium Naphthenate	X	X
Calcium Nitrate	1	1
Calcium Oxalate	1	3
Calcium Oxide	1	1
Calcium Permanganate	X	X
Calcium Peroxide	X	X
Calcium Phenolsulfonate	1	3
Calcium Phosphate	1	1
Calcium Phosphate Acid	1	3
Calcium Propionate	1	3
Calcium Pyridine Sulfonate	X	X
Calcium Salts	1	1
Calcium Silicate	1	1
Calcium Stearate	4	1
Calcium Sulfamate	4	1
Calcium Sulfate	1	3
Calcium Sulfide	1	1
Calcium Sulfite	1	1
Calcium Thiocyanate	1	3
Calcium Thiosulfate	1	1
Calcium Tungstate	1	3
Caliche Liquors	1	1
Camphene	4	1
Camphor	4	1
Camphoric Acid	4	1
Cane Sugar Liquors	1	1
Capric Acid	4	1
Caproic Acid	4	1
Caproic Aldehyde	2	4
Caprolactam	4	1
Capronaldehyde	4	1
Carbamate	2	1
Carbazole	X	X
Carbitol	2	2
Carbolic Acid (Phenol)	2	1
Carbon Bisulfide	4	1
Carbon Dioxide	1	1
Carbon Dioxide (Explosive Decompos)	1	1
Carbon Disulfide	4	1
Carbon Fluorides	4	1
Carbon Monoxide	1	1

Carbon Tetrabromide	X	X
Carbon Tetrachloride	4	1
Carbon Tetrafluoride	4	1
Carbonic Acid	1	1
Casein	1	3
Castor Oil	2	1
Caustic Lime	1	3
Caustic Potash	1	3
Caustic Soda (Sodium Hydroxide)	1	3
Cellosolve	2	4
Cellosolve, Acetate	2	4
Cellosolve, Butyl	2	4
Cellugard	1	1
Cellulose Acetate	1	3
Cellulose Acetate Butyrate	1	3
Cellulose Ether	1	3
Cellulose Nitrate*	1	3
Cellulose Tripropionate	1	3
Cellulube (Phosphate Esters)	X	X
Cellutherm 2505A	4	1
Cerium Sulfate	1	3
Cerous Chloride	1	3
Cerous Fluoride	1	3
Cerous Nitrate	1	3
Cetane (Hexadecane)	4	1
Cetyl Alcohol	4	1
Chaulmoogric Acid	X	X
China Wood Oil (Tung Oil)	4	1
Chloral	1	3
Chloramine	X	X
Chloranthraquinone	4	1
Chlordane	4	1
Chlorextol	4	1
Chloric Acid	1	3
Chlorinated Solvents, Dry	4	1
Chlorinated Solvents, Wet	4	1
Chlorine (Dry)	4	1
Chlorine (Plasma)	X	X
Chlorine (Wet)	X	X
Chlorine Dioxide	3	1
Chlorine Dioxide, 8% Cl as NaClO ₂	4	1
Chlorine Trifluoride	4	4
Chlorine Water	2	1
Chloro 1-Nitro Ethane (1-Chloro 1- N)	4	4
Chloro Oxyfluorides	X	X
Chloro Xylenols	4	1
Chloroacetaldehyde	1	3

Chloroacetic Acid	2	4
Chloroacetone	1	4
Chloroacetyl Chloride	X	X
Chloroamino Benzoic Acid	1	3
Chloroaniline	1	3
Chlorobenzaldehyde	1	3
Chlorobenzene	4	1
Chlorobenzene (Mono)	4	1
Chlorobenzene Chloride	4	1
Chlorobenzene Trifluoride	4	1
Chlorobenzochloride	4	1
Chlorobenzotrifluoride	4	1
Chlorobromo Methane	2	1
Chlorobromopropane	4	1
Chlorobutadiene	4	1
Chlorobutane (Butyl Chloride)	4	1
Chlorododecane	4	1
Chloroethane	4	1
Chloroethane Sulfonic Acid	1	3
Chloroethylbenzene	4	1
Chloroform	4	1
Chlorohydrin	1	3
Chloronaphthalene or o-Chloronapl	4	1
Chloronitrobenzene	1	3
Chlorophenol or o-Chlorophenol	4	1
Chloropicrin	4	1
Chloroprene	4	1
Chlorosilanes	X	X
Chlorosulfonic Acid	4	4
Chlorotoluene	4	1
Chlorotoluene Sulfonic Acid	1	3
Chlorotoluidine	4	1
Chlorotrifluoroethylene (CTFE)	X	X
Chlorox	2	1
Chloroxylols	X	X
Cholesterol	4	1
Chrome Alum	1	1
Chrome Plating Solutions	2	1
Chromic Acid	2	1
Chromic Chloride	X	X
Chromic Fluorides	X	X
Chromic Hydroxide	X	X
Chromic Nitrates	X	X
Chromic Oxide	2	1
Chromic Phosphate	X	X
Chromic Sulfate	X	X
Chromium Potassium Sulfate (Alur	2	1

Chromyl Chlorides	X	X
Cinnamic Acid	4	1
Cinnamic Alcohol	4	1
Cinnamic Aldehyde	4	1
Circo Light Process Oil	4	1
Citric Acid	1	1
City Service #65 #120 #250	4	1
City Service Koolmoter-AP Gear Oi	4	1
City Service Pacemaker #2	4	1
Clorox	2	1
Coal Tar	X	1
Cobalt Chloride	1	1
Cobalt Chloride, 2N	1	1
Cobaltous Acetate	1	3
Cobaltous Bromide	1	1
Cobaltous Linoleate	X	X
Cobaltous Naphthenate	X	X
Cobaltous Sulfate	1	3
Coconut Oil	3	1
Cod Liver Oil	1	1
Codeine	4	1
Coffee	1	1
Coke Oven Gas	4	1
Coliche Liquors	2	X
Convelex 10	X	X
Coolanol 20 25R 35R 40& 45A (Mo	3	1
Copper Acetate	1	4
Copper Ammonium Acetate	1	3
Copper Carbonate	1	3
Copper Chloride	1	1
Copper Cyanide	1	1
Copper Gluconate	1	3
Copper Naphthenate	X	X
Copper Nitrate	2	1
Copper Oxide	1	1
Copper Salts	1	1
Copper Sulfate	1	1
Copper Sulfate 10%	1	1
Copper Sulfate 50%	1	1
Corn Oil	3	1
Cottonseed Oil	3	1
Creosote, Coal Tar	4	1
Creosote, Wood	4	1
Cresol (Methyl Phenol)	X	1
Cresols	4	2
Cresylic Acid	4	1
Crotonaldehyde	4	1

Crotonic Acid	4	1
Crude Oil	4	1
Cumaldehyde	4	1
Cumene	4	1
Cumene Hydroperoxide	X	X
Cupric Sulfate	2	1
Cutting Oil	4	1
Cyanamide	X	X
Cyanides	X	X
Cyanogen Chloride	X	X
Cyanogen Gas	X	X
Cyanohydrin	X	X
Cyanuric Chloride	X	X
Cyclohexane	4	1
Cyclohexanol	4	1
Cyclohexanone	2	4
Cyclohexene	4	1
Cyclohexylamine	4	1
Cyclohexylamine Carbonate	X	X
Cyclohexylamine Laurate	4	1
Cyclopentadiene	4	1
Cyclopentane	4	1
Cyclopolyolefins	4	1
Cymene or p-Cymene	4	1
DDT (Dichlorodiphenyltrichloroetha	4	1
Decalin	4	1
Decane	4	1
Denatured Alcohol	1	1
Detergent, Water Solution	1	1
Developing Fluids (Photo)	2	1
Dexron	4	1
Dextrin	4	1
Dextro Lactic Acid	1	3
Dextron	4	1
Dextrose	1	3
DI Water	1	2
Diacetone	1	4
Diacetone Alcohol	1	4
Dialkyl Sulfates	1	3
Diallyl Ether	X	X
Diallyl Phthalate	X	X
Diamylamine	4	1
Diazinon	4	2
Dibenzyl (sym-Diphenylethane)	4	1
Dibenzyl Ether Factory	2	4
Dibenzyl Sebacate	2	2
Diborane	X	X

Dibromoethane	4	1
Dibromoethyl Benzene	4	1
Dibutyl Cellosolve Adipate	1	3
Dibutyl Ether Factory	3	3
Dibutyl Methylenedithio Glycolate	4	1
Dibutyl Phthalate	2	3
Dibutyl Sebacate	2	2
Dibutyl Thioglycolate	4	1
Dibutyl Thiourea	4	1
Dibutylamine	1	4
Dichloroacetic Acid	4	1
Dichloroaniline	1	3
Dichlorobenzene or o-Dichlorobenz	4	1
Dichlorobenzene or p-Dichlorobenz	4	1
Dichlorobutane	4	1
Dichlorobutene	4	1
Dichlorodiphenyl-Dichloroethane (D	4	1
Dichloroethane	4	1
Dichloroethylene	4	1
Dichlorohydrin	1	3
Dichloroisopropyl Ether	3	3
Dichloromethane	4	1
Dichlorophenol	4	1
Dichlorophenoxyacetic Acid	4	1
Dichloropropane	4	1
Dichloropropene	4	1
Dichlorosilane	X	X
Dicyclohexylamine	4	4
Dicyclohexylammonium Nitrate	1	3
Dieldrin	4	1
Diesel Oil	4	1
Di-ester Lubricant MIL-L-7808	4	1
Di-ester Synthetic Lubricants	4	1
Diethanolamine (DEA)	1	3
Diethyl Benzene	X	1
Diethyl Carbonate	1	3
Diethyl Ether	4	4
Diethyl Phthalate	4	1
Diethyl Sebacate	2	2
Diethyl Sulfate	1	3
Diethylamine	1	4
Diethylaniline	1	3
Diethylene Glycol	1	1
Diethylenetriamine	X	X
Difluorodibromomethane	2	X
Difluoroethane	4	1
Difluoromonochloroethane	4	1

Diglycol Chloroformate	1	3
Diglycolic Acid	1	3
Dihydroxydiphenylsulfone	1	3
Diisobutyl Ketone	1	X
Diisobutylcarbinol	4	1
Diisobutylene	4	1
Diisooctyl Sebacate	3	2
Diisopropyl Ether (DIPE)	X	X
Diisopropyl Ketone	1	4
Diisopropylbenzene	4	1
Diisopropylidene Acetone	4	1
Dimethyl Acetamide	1	3
Dimethylaniline (Xylidine)	4	1
Dimethyldisulfide (DMDS)	4	1
Dimethyl Ether	2	2
Dimethyl Formaldehyde	1	3
Dimethyl Formamide (DMF)	1	4
Dimethylhydrazine	1	3
Dimethyl Phenyl Carbinol	4	1
Dimethyl Phenyl Methanol	4	1
Dimethyl Phthalate	2	2
Dimethyl Sulfoxide (DMSO)	1	3
Dimethyl Terephthalate (DMT)	4	1
Dimethylamine (DMA)	1	4
Dinitrochlorobenzene	4	1
Dinitrogen Tetroxide	X	X
Dinitrotoluene (DNT)	4	4
Diethyl Phthalate	2	2
Diethyl Sebacate	2	2
Diethylamine	4	1
Dioxane	2	4
Dioxolane	2	4
Dipentene	4	1
Diphenyl	4	1
Diphenyl Oxides	4	1
Diphenylamine (DPA)	4	1
Diphenylene Oxide	X	X
Diphenylpropane	4	1
Disilane	X	X
Di-Tert-Butyl Peroxide	X	X
Dodecylbenzene	4	1
Dow Chemical 50-4	1	4
Dow Chemical ET378	X	X
Dow Chemical ET588	1	4
DTE 20 Series, Mobil	4	1
DTE named series, Mobil, light-hea	4	1
Epichlorohydrin	2	4

Epoxy Resins	1	4
Erucic Acid	X	X
Esam-6 Fluid	1	4
Esstic 42, 43	4	1
Ethane	4	1
Ethanol	1	3
Ethanol Amine	1	4
Ethers	3	3
Ethoxyethyl Acetate (EGMEEA)	1	3
Ethyl Acetate-Organic Ester	2	4
Ethyl Acetoacetate	2	4
Ethyl Acrylate	2	4
Ethyl Alcohol	1	3
Ethyl Ammonium Dichloride	X	X
Ethyl Benzene	4	1
Ethyl Benzoate	4	1
Ethyl Bromide	4	1
Ethyl Cellosolve	2	4
Ethyl Cellulose	2	4
Ethyl Chloride	3	1
Ethyl Chlorocarbonate	2	1
Ethyl Chloroformate	2	4
Ethyl Ether	3	4
Ethyl Formate	2	1
Ethyl Hexanol	1	1
Ethyl Lactate	1	3
Ethyl Mercaptan	X	2
Ethyl Nitrite	1	3
Ethyl Oxalate	1	2
Ethyl Pentachlorobenzene	4	1
Ethyl Pyridine	4	1
Ethyl Silicate	1	1
Ethyl Stearate	4	1
Ethyl Sulfate	1	4
Ethyl Tertiary Butyl Ether	X	X
Ethyl Valerate	4	1
Ethylacrylic Acid	2	X
Ethylamine	1	3
Ethylcyclopentane	4	1
Ethylene	4	2
Ethylene Chloride	4	2
Ethylene Chlorohydrin	2	1
Ethylene Cyanohydrin	4	1
Ethylene Diamine	1	4
Ethylene Dibromide	3	1
Ethylene Dichloride	3	1
Ethylene Glycol	1	1

Ethylene Hydrochloride	3	1
Ethylene Oxide	3	4
Ethylene Oxide, (12%) and Freon 1	2	4
Ethylene Trichloride	3	1
Ethyleneimine	X	X
Ethylmorpholine Stannous Octotat	2	4
Ethylmorpholine	4	1
Ethylsulfuric Acid	1	3
F-61 Fluid (Dow Corning)	1	1
Fatty Acids	3	1
FC-43 Heptacosofluorotri-butylamir	1	1
FC75 & FC77 (Fluorocarbon)	1	2
Ferric Acetate	1	3
Ferric Ammonium Sulfate	1	3
Ferric Chloride	1	1
Ferric Ferrocyanide	1	3
Ferric Hydroxide	1	3
Ferric Nitrate	1	1
Ferric Persulfate	1	1
Ferric Sulfate	1	1
Ferrous Ammonium Citrate	1	3
Ferrous Ammonium Sulfate	1	3
Ferrous Carbonate	1	3
Ferrous Chloride	X	X
Ferrous Iodide	1	3
Ferrous Sulfate	1	3
Ferrous Tartrate	1	3
Fish Oil	4	1
Fisher Reagent	2	X
Fluorinated Cyclic Ethers	1	X
Fluorine (Gas)	X	X
Fluorine (Liquid)	4	2
Fluorobenzene	4	1
Fluoroboric Acid	1	X
Fluorocarbon Oils	1	X
Fluoroform (Trifluoromethane)	X	X
Fluorolube	1	2
Fluorophosphoric Acid	X	X
Fluorosilicic Acid	2	2
Fluorosulfonic Acid	X	X
Formaldehyde	2	4
Formamide	1	3
Formic Acid	1	4
Freon, 11	4	2
Freon, 112 (Tetrachlorodifluoroetha	4	1
Freon, 113	4	2
Freon, 113 + High and Low Aniline	X	X

Freon, 114	1	1
Freon, 114B2	4	2
Freon, 115, 116	1	2
Freon, 12	3	3
Freon, 12 and ASTM Oil #2 (50/50	4	1
Freon, 12 and Suniso 4G (50/50 Mi	4	1
Freon, 123 (Dichlorotrifluoroethane	X	X
Freon, 124 (Chlorotetrafluoroethane	X	X
Freon, 125 (Pentafluoroethane)	X	X
Freon, 13	1	1
Freon, 134a (Tetrafluoroethane)	X	X
Freon, 13B1	1	1
Freon, 14	1	1
Freon, 141b (Dichlorofluoroethane)	X	X
Freon, 142b	4	2
Freon, 152a (Difluoroethane)	X	X
Freon, 21	4	4
Freon, 218	1	1
Freon, 22 (Chlorodifluoroethane)	3	4
Freon, 22 and ASTM Oil #2 (50/50	4	2
Freon, 23 (Fluoroform)	X	X
Freon, 31	1	4
Freon, 32	1	4
Freon, 502	1	2
Freon, BF (R112)	4	1
Freon, C316	1	1
Freon, C318	1	2
Freon, K-142b	1	4
Freon, K-152a	1	4
Freon, MF (R11)	4	2
Freon, PCA (R113)	4	2
Freon, TA	2	3
Freon, TC	2	1
Freon, TF (R113)	4	2
Freon, TMC	3	1
Freon, T-P35	1	1
Freon, T-WD602	2	1
Fuel Oil, #6	4	1
Fuel Oil, 1, and 2	4	1
Fuel Oil, Acidic	4	1
Fumaric Acid	2	1
Fuming Sulphuric Acid (20/25% Ole	4	1
Furaldehyde	2	4
Furan (Furfuran)	3	1
Furfural (Furfuraldehyde)	2	4
Furfuraldehyde	2	4
Furfuryl Alcohol	2	X

Furoic Acid	X	X
Furyl Carbinol	2	X
Fyrquel 150 220 300 550	1	1
Fyrquel 90, 100, 500	1	1
Fyrquel A60	2	4
Gallic Acid	2	1
Gasoline	4	1
Gelatin	1	1
Germane (Germanium Tetrahydride)	X	X
Girling Brake Fluid	1	4
Gluconic Acid	1	3
Glucose	1	1
Glutamic Acid	1	3
Glycerine (Glycerol)	1	1
Glycerol Dichlorohydrin	1	3
Glycerol Monochlorohydrin	1	3
Glycerol Triacetate	1	3
Glycerophosphoric Acid	1	3
Glyceryl Phosphate	1	3
Glycidol	1	3
Glycolic Acid	1	3
Glycols	1	1
Glycoxylic Acid	1	3
Grease Petroleum Base	4	1
Green Sulfate Liquor	1	1
Gulf Endurance Oils	4	1
Halothane	4	1
Halowax Oil	4	1
Hannifin Lube A	4	1
Heavy Water	1	X
HEF-2 (High Energy Fuel)	4	1
Helium	1	1
Heptachlor	4	1
Heptachlorobutene	4	1
Heptaldehyde (Heptanal)	4	1
Heptane or n-Heptane	4	1
Heptanoic Acid	4	1
Hexachloroacetone	1	3
Hexachlorobutadiene	4	1
Hexachlorobutene	4	1
Hexachloroethane	4	1
Hexaethyl Tetrphosphate	X	X
Hexafluoroethane (F-116)	X	X
Hexafluoroxylene	X	X
Hexaldehyde or n-Hexaldehyde	1	4
Hexamethyldisilazane	X	X
Hexamethylene (Cyclohexane)	4	1

Hexamethylene Diammonium Adipate	4	1
Hexamethylenediamine	1	3
Hexamethylenetetramine	1	3
Hexane or n-Hexane	1	1
Hexene-1 or n-Hexene-1	4	1
Hexone (Methyl Isobutyl Ketone)	1	3
Hexyl Acetate	4	1
Hexyl Alcohol	3	1
Hexylene Glycol	1	3
Hexylresorcinol	4	1
High Viscosity Lubricant, H2	1	1
High Viscosity Lubricant, U4	1	1
HiLo MS #1	1	4
Hydraulic Oil (Petroleum Base, Industrial)	4	1
Hydraulic Oils (Synthetic Base)	4	1
Hydrazine	1	4
Hydrazine (Anhydrous)	2	4
Hydrazine Dihydrochloride	1	3
Hydrazine Hydrate	1	3
Hydriodic Acid	4	1
Hydroabietyl Alcohol	X	X
Hydrobromic Acid	1	1
Hydrobromic Acid 40%	1	1
Hydrocarbons, Saturated	4	1
Hydrochloric Acid (cold) 37%	3	1
Hydrochloric Acid (hot) 37%	3	1
Hydrochloric Acid, 3 Molar to 158°F	1	1
Hydrochloric Acid, Concentrated Reagent	2	1
Hydrochloric Acid, Concentrated to 37%	4	1
Hydrocyanic Acid	1	1
Hydro-Drive MIH-10 (Petroleum Base)	4	1
Hydro-Drive MIH-50 (Petroleum Base)	4	1
Hydrofluoric Acid (Anhydrous)	X	X
Hydrofluoric Acid (conc.) Cold	X	X
Hydrofluoric Acid (conc.) Hot	4	3
Hydrofluorosilicic Acid	1	1
Hydrogen Bromide (Anhydrous)	X	X
Hydrogen Chloride (Anhydrous)	X	X
Hydrogen Chloride gas	1	1
Hydrogen Cyanide	X	X
Hydrogen Fluoride	X	X
Hydrogen Fluoride (Anhydrous)	1	4
Hydrogen Gas, Cold	1	1
Hydrogen Gas, Hot	1	1
Hydrogen Iodide (Anhydrous)	X	X
Hydrogen Peroxide	1	1
Hydrogen Peroxide 90%	3	1

Hydrogen Selenide	X	X
Hydrogen Sulfide, Dry, Cold	1	4
Hydrogen Sulfide, Dry, Hot	1	4
Hydrogen Sulfide, Wet, Cold	1	4
Hydrogen Sulfide, Wet, Hot	1	4
Hydrolube-Water/Ethylene Glycol	1	1
Hydrooxycitronellal	X	1
Hydroquinol	4	1
Hydroquinone	2	2
Hydroxyacetic Acid	1	3
Hydyne	1	4
Hyjet	1	4
Hyjet IV and IVA	1	4
Hyjet S4	1	4
Hyjet W	1	4
Hypochlorous Acid	2	1
Iodic Acid	1	3
Iodine	2	1
Iodine Pentafluoride	4	4
Iodoform	4	1
Isoamyl Acetate	1	3
Isoamyl Butyrate	1	3
Isoamyl Valerate	1	3
Isoboreol	X	1
Isobutane	4	1
Isobutyl Acetate	1	3
Isobutyl Alcohol	1	1
Isobutyl Chloride	4	1
Isobutyl Ether	4	4
Isobutyl Methyl Ketone	1	3
Isobutyl n-Butyrate	1	1
Isobutyl Phosphate	1	3
Isobutylene	X	1
Isobutyraldehyde	2	4
Isobutyric Acid	2	4
Isocrotyl Chloride	X	1
Isodecanol	4	1
Isododecane	4	1
Isoeugenol	4	1
Isooctane	4	1
Isopentane	4	1
Isophorone (Ketone)	2	4
Isopropanol	1	1
Isopropyl Acetate	2	4
Isopropyl Alcohol	1	1
Isopropyl Chloride	4	1
Isopropyl Ether	4	4

Isopropylacetone	1	3
Isopropylamine	1	3
Jet Fuel A	4	1
Kel F Liquids	1	2
Kerosene (Similar to RP-1 and JP-1)	4	1
Keystone #87HX-Grease	4	1
Lacquer Solvents	4	4
Lacquers	4	4
Lactams-Amino Acids	2	4
Lactic Acid, Cold	1	1
Lactic Acid, Hot	4	1
Lactones (Cyclic Esters)	2	4
Lard Animal Fat	2	1
Lauric Acid	4	1
Lavender Oil	4	1
LB 135	1	1
Lead (Molten)	X	X
Lead Acetate	1	4
Lead Arsenate	1	3
Lead Azide	X	X
Lead Bromide	1	3
Lead Carbonate	1	3
Lead Chloride	1	3
Lead Chromate	1	3
Lead Dioxide	1	3
Lead Linoleate	1	3
Lead Naphthenate	X	X
Lead Nitrate	1	X
Lead Oxide	1	3
Lead Sulfamate	1	1
Lehigh X1169	4	1
Lehigh X1170	4	1
Light Grease	4	1
Ligroin (Petroleum Ether or Benzen	4	1
Lime Bleach	1	1
Lime Sulfur	X	1
Lindol, Hydraulic Fluid (Phosphate	1	2
Linoleic Acid	4	2
Linseed Oil	3	1
Liquid Oxygen (LOX)	4	4
Liquid Petroleum Gas (LPG)	4	1
Liquimoly	4	1
Lithium Bromide (Brine)	1	3
Lithium Carbonate	1	3
Lithium Chloride	1	3
Lithium Citrate	1	3
Lithium Hydroxide	1	3

Lithium Hypochlorite	1	3
Lithium Nitrate	1	3
Lithium Nitrite	1	3
Lithium Perchlorate	1	3
Lithium Salicylate	1	3
Lithopone	1	3
Lubricating Oils (Crude & Refined)	4	1
Lubricating Oils (Synthetic base)	X	1
Lubricating Oils, Di-ester	4	1
Lubricating Oils, petroleum base	4	1
Lubricating Oils, SAE 10, 20, 30, 40	4	1
Lye Solutions	1	2
Magnesium Chloride	1	1
Magnesium Hydroxide	1	1
Magnesium Salts	1	1
Magnesium Sulfite and Sulfate	1	1
Magnesium Trisilicate	X	X
Malathion	4	1
Maleic Acid	4	1
Maleic Anhydride	2	4
Maleic Hydrazide	1	3
Malic Acid	2	1
Mandelic Acid	1	3
Manganese Acetate	1	3
Manganese Carbonate	1	3
Manganese Chloride	1	3
Manganese Dioxide	1	3
Manganese Gluconate	1	3
Manganese Hypophosphite	1	3
Manganese Linoleate	1	3
Manganese Naphthenate	X	X
Manganese Phosphate	1	3
Manganese Sulfate	1	3
Manganous Chloride	1	3
Manganous Phosphate	1	3
Manganous Sulfate	1	3
Mannitol	1	3
MCS 312	4	1
MCS 352	1	4
MCS 463	1	4
MDI (Methylene di-p-phenylene isocyanate)	1	3
Mercaptan	4	1
Mercaptobenzothiazole (MBT)	X	1
Mercuric Acetate	1	3
Mercuric Chloride	1	1
Mercuric Cyanide	1	3
Mercuric Iodide	1	3

Mercuric Nitrate	1	3
Mercuric Sulfate	1	3
Mercuric Sulfite	1	3
Mercurous Nitrate	1	3
Mercury	1	1
Mercury Chloride	1	3
Mercury Fulminate	1	3
Mercury Salts	1	3
Mercury Vapors	1	1
Mesityl Oxide (Ketone)	2	4
Meta-Cresol	X	1
Metaldehyde	1	3
Meta-Nitroaniline	1	3
Meta-Toluidine	X	1
Methacrylic Acid	1	3
Methallyl Chloride	X	1
Methane	4	1
Methanol	1	4
Methoxychlor	X	X
Methoxyethanol (DGMMA)	1	3
Methyl Abietate	X	1
Methyl Acetate	2	4
Methyl Acetoacetate	2	4
Methyl Acetophenone*	X	1
Methyl Acrylate	2	4
Methyl Alcohol	1	4
Methyl Amylketone	1	3
Methyl Anthranilate	X	1
Methyl Benzoate	4	1
Methyl Bromide	4	1
Methyl Butyl Ketone	1	4
Methyl Butyrate Cellosolve	1	3
Methyl Butyrate Chloride	1	3
Methyl Carbonate	4	1
Methyl Cellosolve	2	4
Methyl Cellulose	2	4
Methyl Chloride	3	1
Methyl Chloroacetate	1	3
Methyl Chloroform	4	1
Methyl Chloroformate	4	1
Methyl Chlorosilanes	X	X
Methyl Cyanide (Acetonitrile)	1	3
Methyl Cyclohexanone	4	1
Methyl Dichloride	X	1
Methyl Ether	4	1
Methyl Ethyl Ketone (MEK)	1	4
Methyl Ethyl Ketone Peroxide	4	4

Methyl Ethyl Oleate	X	1
Methyl Formate	2	X
Methyl Hexyl Ketone (2-Octanone)	1	3
Methyl Iodide	4	1
Methyl Isobutyl Ketone (MIBK)	3	4
Methyl Isocyanate	1	3
Methyl Isopropyl Ketone	2	4
Methyl Isovalerate	X	1
Methyl Lactate	1	3
Methyl Mercaptan	1	X
Methyl Methacrylate	4	4
Methyl Oleate	2	1
Methyl Pentadiene	X	1
Methyl Phenylacetate	X	1
Methyl Salicylate	2	X
Methyl Tertiary Butyl Ether (MTBE)	3	3
Methyl Valerate	X	1
Methyl-2-Pyrrolidone or n-Methyl-2-	2	X
Methylacrylic Acid	2	3
Methylal	X	X
Methylamine	1	3
Methylamyl Acetate	1	3
Methylcyclopentane	4	1
Methylene Bromide	X	1
Methylene Chloride	4	2
Methylene Iodide	X	1
Methylglycerol	1	3
Methylisobutyl Carbinol	4	1
Methylpyrrolidine	X	1
Methylpyrrolidone	X	1
Mopar Brake Fluid	1	4
Morpholine	X	1
Motor Oils	4	1
Mustard Gas	X	X
Myristic Acid	X	1
Naphthalene	4	1
Naphthalene Chloride	X	1
Naphthalene Sulfonic Acid	X	1
Naphthalenic Acid	X	1
Naphthalonic Acid	X	1
Naphthenic Acid	4	1
Naphthylamine	X	X
Naptha	4	1
Natural Gas	4	1
Neatsfoot Oil	2	1
Neon	1	1
Neville Acid	2	1

Nickel Acetate	1	4
Nickel Ammonium Sulfate	1	3
Nickel Chloride	1	1
Nickel Cyanide	1	3
Nickel Nitrate	1	3
Nickel Salts	1	1
Nickel Sulfate	1	1
Nicotinamide (Niacinamide)	X	1
Nicotinamide Hydrochloride	1	3
Nicotine	X	1
Nicotine Sulfate	1	3
Niter Cake	1	1
Nitric Acid, Red Fuming	4	2
Nitric Acid, White Fuming	X	X
Nitric Acid (0 - 50%)	2	1
Nitric Acid (50 - 100%)	4	3
Nitric Acid 3 Molar to 158°F	2	3
Nitric Acid Concentrated Room Ten	4	2
Nitric Acid Concentrated to 158°F	4	4
Nitroaniline	1	3
Nitrobenzene	1	2
Nitrobenzoic Acid	1	3
Nitrocellulose	1	3
Nitrochlorobenzene	1	3
Nitrochloroform	1	3
Nitrodiethylaniline	1	3
Nitrodiphenyl Ether	X	X
Nitroethane	2	4
Nitrofluorobenzene	1	3
Nitrogen	1	1
Nitrogen Oxides	1	3
Nitrogen Tetroxide (N ₂ O ₄)	4	4
Nitrogen Trifluoride	X	X
Nitroglycerine	1	3
Nitroglycerol	1	3
Nitroisopropylbenzene	1	3
Nitromethane	2	4
Nitrophenol	1	3
Nitropropane	2	4
Nitrosyl Chloride	X	X
Nitrosylsulfuric Acid	X	X
Nitrothiophene	1	3
Nitrotoluene	1	3
Nitrous Acid	1	3
Nitrous Oxide	1	1
Nonane	4	1
Noryl GE Phenolic	1	X

Nyvac FR200 Mobil	1	1
Octachloro Toluene	4	1
Octadecane	4	1
Octanal (n-Octanaldehyde)	4	1
Octane or n-Octane	4	1
Octyl Acetate	1	3
Octyl Alcohol	3	1
Octyl Chloride	4	1
Octyl Phthalate	X	1
Olefins	X	1
Oleic Acid	4	2
Oleum (Fuming Sulfuric Acid)	4	1
Oleum Spirits	4	1
Oleyl Alcohol	X	1
Olive Oil	2	1
Oronite 8200	4	1
Oronite 8515	4	1
Ortho-Chloro Ethyl Benzene	4	1
Ortho-Chloroaniline	1	3
Ortho-Chlorophenol	1	3
Ortho-Cresol	1	3
Ortho-Dichlorobenzene	4	1
Ortho-Nitrotoluene	1	3
Orthophos Acid	X	X
OS 45 Type III (OS45)	4	1
OS 45 Type IV (OS45-1)	4	1
OS 70	4	1
Oxalic Acid	1	1
Oxygen, 200°-300°F (Evalute for sp	4	2
Oxygen, 300°-400°F (Evalute for sp	4	2
Oxygen, Cold (Evalute for specific a	1	1
Oxygen, Liquid	4	4
Ozonated Deionized Water	1	3
Ozone	1	1
Paint Thinner, Duco	4	2
Palmitic Acid	2	1
Para-Aminobenzoic Acid	1	3
Para-Bromobenzylphenyl Ether	X	X
Para-Chlorophenol	1	3
Paracymene	X	1
Para-Dichlorobenzene	4	1
Paraffins	4	1
Para-Formaldehyde	1	3
Paraldehyde	1	3
Par-al-Ketone	4	4
Para-Nitroaniline	1	3
Para-Nitrobenzoic Acid	1	3

Para-Nitrophenol	1	3
Parathion	X	1
Para-Toluene Sulfonic Acid	1	3
Parker O Lube	4	1
Peanut Oil	3	1
Pectin (Liquor)	X	1
Pelagonic Acid	X	X
Penicillin (Liquid)	X	1
Pentachloroethane	X	1
Pentachlorophenol	1	3
Pentaerythritol	1	3
Pentaerythritol Tetranitrate	1	3
Pentafluoroethane (F-125)	X	X
Pentane or n-Pentane	4	1
Pentane, 2 Methyl	4	1
Pentane, 2-4 dimethyl	4	1
Pentane, 3-Methyl	4	1
Pentoxone	X	X
Pentyl Pentanoate	4	1
Peracetic Acid	1	3
Perchloric Acid - 2N	1	1
Perchloroethylene	4	1
Perfluoropropane	X	X
Perfluorotriethylamine	X	X
Permanganic Acid	X	X
Persulfuric Acid (Caro's Acid)	X	X
Petrolatum	4	1
Petrolatum Ether	4	1
Petroleum Oil, Above 250°F	4	2
Petroleum Oil, Below 250°F	4	1
Petroleum Oil, Crude	4	1
Phenol	4	1
Phenol, 70% / 30% H2O	4	1
Phenol, 85% / 15% H2O	4	1
Phenolic Sulfonate	1	3
Phenolsulfonic Acid	1	3
Phenylacetamide	X	1
Phenylacetate	1	3
Phenylacetic Acid	1	3
Phenylbenzene	4	1
Phenylene Diamine	X	X
Phenylethyl Alcohol	X	1
Phenylethyl Ether	4	4
Phenylethyl Malonic Ester*	X	1
Phenylglycerine	1	3
Phenylhydrazine	2	1
Phenylhydrazine Hydrochloride	1	3

Phenylmercuric Acetate	1	3
Phorone	3	4
Phosgene	X	X
Phosphine	X	X
Phosphoric Acid 3 Molar to 158°F	1	1
Phosphoric Acid Concentrated Roo	1	1
Phosphoric Acid Concentrated to 14	1	1
Phosphoric Acid, 20%	X	X
Phosphoric Acid, 45%	X	X
Phosphorus (Molten)	X	X
Phosphorus Oxychloride	X	X
Phosphorus Trichloride	1	1
Phosphorus Trichloride Acid	1	1
Phthalic Acid	1	3
Phthalic Anhydride	1	3
Pickling Solution	3	2
Picric Acid (aq)	1	1
Picric Acid Molten	2	1
Pine Oil	4	1
Pine Tar	4	1
Pinene	4	1
Piperazine	X	1
Piperidine	4	1
Piranha (H2SO4:H2O2)(70:30)	X	X
Plating Solution (Co,Cu,Au,In,Fe,Pt)	1	1
Plating Solutions Chrome	2	1
Plating Solutions Others	1	1
Pneumatic Service	1	1
Polyethylene Glycol	1	3
Polyglycerol	1	3
Polyglycol	1	3
Polyvinyl Acetate Emulsion	1	X
Potassium (Molten)	X	X
Potassium Acetate	1	4
Potassium Acid Sulfate	1	3
Potassium Alum	1	3
Potassium Aluminum Sulfate	1	3
Potassium Antimonate	1	3
Potassium Bicarbonate	1	3
Potassium Bichromate	1	3
Potassium Bifluoride	1	3
Potassium Bisulfate	1	3
Potassium Bisulfite	1	3
Potassium Bitartrate	1	3
Potassium Bromide	1	3
Potassium Carbonate	1	3
Potassium Chlorate	1	3

Potassium Chloride	1	1
Potassium Chromates	1	3
Potassium Citrate	1	3
Potassium Cupro Cyanide	1	1
Potassium Cyanate	1	3
Potassium Cyanide	1	1
Potassium Dichromate	1	1
Potassium Diphosphate	1	3
Potassium Ferricyanide	1	3
Potassium Fluoride	1	3
Potassium Glucocyanate	1	3
Potassium Hydroxide 50%	1	4
Potassium Hypochlorite	1	3
Potassium Iodate	1	3
Potassium Iodide	1	3
Potassium Metabisulfate	1	3
Potassium Metachromate	1	3
Potassium Metasilicate	X	X
Potassium Monochromate	1	3
Potassium Nitrate	1	1
Potassium Nitrite	1	3
Potassium Oxalate	1	3
Potassium Perchlorate	1	3
Potassium Perfluoro Acetate	X	X
Potassium Permanganate	1	3
Potassium Peroxide	X	X
Potassium Persulfate	1	3
Potassium Phosphate (Acid)	1	3
Potassium Phosphate (Alkaline)	1	3
Potassium Phosphate (Di/Tri Basic)	1	3
Potassium Pyrosulfate	1	3
Potassium Salts	1	1
Potassium Silicate	X	X
Potassium Sodium Tartrate	1	3
Potassium Stannate	1	3
Potassium Stearate	1	3
Potassium Sulfate	1	1
Potassium Sulfide	1	3
Potassium Sulfite	1	1
Potassium Tartrate	1	3
Potassium Thiocyanate	1	3
Potassium Thiosulfate	1	3
Potassium Triphosphate	1	3
Prestone Antifreeze	1	1
PRL-High Temp. Hydr. Oil	4	1
Producer Gas	4	1
Propane	4	1

Propionaldehyde	1	3
Propionic Acid	1	3
Propionitrile	4	1
Propyl Acetate	2	4
Propyl Acetone or n-Propyl Acetone	1	4
Propyl Alcohol	1	1
Propyl Nitrate	2	4
Propyl Propionate	1	3
Propylamine	1	3
Propylbenzene	X	1
Propylene	4	1
Propylene Chloride	X	1
Propylene Chlorohydrin	X	1
Propylene Dichloride	X	1
Propylene Glycol	1	3
Propylene Imine	X	1
Propylene Oxide	2	4
Pydraul 90e	1	1
Pydraul, 10E	1	4
Pydraul, 115E	1	1
Pydraul, 230C, 312C, 540C, A200	4	1
Pydraul, 29ELT 30E, 50E, 65E	1	1
Pyranol Transformer Oil	4	1
Pyridine	2	1
Pyridine Oil	2	4
Pyridine Sulfate	1	3
Pyridine Sulfonic Acid	1	3
Pyrogallol (Pyrogallic Acid)	4	1
Pyrogard 42, 43, 55	1	1
Pyrogard 53, Mobil Phosphate Este	1	1
Pyrogard D, Mobil Water-in-Oil Emu	4	4
Pyroligneous Acid	2	4
Pyrolube	2	1
Pyrosulfuric Acid	1	3
Pyrosulfuryl Chloride	4	1
Pyrrole	4	4
Pyruvic Acid	1	3
Quinidine	4	1
Quinine	4	1
Quinine Bisulfate	1	3
Quinine Hydrochloride	1	3
Quinine Sulfate	1	3
Quinine Tartrate	1	3
Quinizarin	4	1
Quinoline	4	1
Quinone	4	1
Radiation (Gamma, 1.0 E+07 Rads	2	4

Raffinate	4	1
Rapeseed Oil	1	1
Red Line 100 Oil	4	1
Red Oil (MIL-H-5606)	4	1
Resorcinol	1	3
Rhodium	X	X
Riboflavin	4	1
Ricinoleic Acid	4	1
RJ-1 (MIL-F-25558)	4	1
RJ-4 (MIL-F-82522)	4	1
Rosin	4	1
RP-1 (MIL-R-25576)	4	1
Salicylic Acid	1	1
Santo Safe 300	3	1
Sea (Salt) Water	1	1
Sebacic Acid	1	3
Selenic Acid	1	3
Selenous Acid	1	3
Sewage	1	1
SF 1154 GE Silicone Fluid	1	1
SF1147 GE Silicone Fluid	3	1
SF96 GE Silicone Fluid	1	1
Shellac	1	3
Silane	X	X
Silicate Esters	4	1
Silicon Fluoride	X	X
Silicon Tetrachloride	X	X
Silicon Tetrafluoride	X	X
Silicone Greases	1	1
Silicone Oils	1	1
Silver Bromide	1	3
Silver Chloride	1	3
Silver Cyanide	1	3
Silver Nitrate	1	1
Silver Sulfate	1	3
Sinclair Opaline CX-EP Lube	4	1
Skelly, Solvent B, C, E	4	1
Skydrol 500 B4	1	4
Skydrol 7000	1	2
Skydrol LD-4	1	4
Soap Solutions	1	1
Socony Mobile Type A	4	1
Socony Vacuum AMV AC781 (Grease)	4	1
Socony Vacuum PD959B	4	1
Soda Ash	1	1
Sodium (Molten)	X	X
Sodium Acetate	1	4

Sodium Acid Bisulfate	1	3
Sodium Acid Fluoride	1	3
Sodium Acid Sulfate	1	3
Sodium Aluminate	1	3
Sodium Aluminate Sulfate	1	3
Sodium Anthraquinone Disulfate	1	3
Sodium Antimonate	1	3
Sodium Arsenate	1	3
Sodium Arsenite	1	3
Sodium Benzoate	1	3
Sodium Bicarbonate (Baking Soda)	1	1
Sodium Bichromate	1	3
Sodium Bifluoride	1	3
Sodium Bisulfate or Bisulfite	1	1
Sodium Bisulfide	1	3
Sodium Bitartrate	1	3
Sodium Borate	1	1
Sodium Bromate	1	3
Sodium Bromide	1	3
Sodium Carbonate (Soda Ash)	1	1
Sodium Chlorate	1	3
Sodium Chloride	1	1
Sodium Chlorite	1	3
Sodium Chloroacetate	1	3
Sodium Chromate	1	3
Sodium Citrate	1	3
Sodium Cyanamide	1	3
Sodium Cyanate	1	3
Sodium Cyanide	1	X
Sodium Diacetate	1	3
Sodium Diphenyl Sulfonate	1	3
Sodium Diphosphate	1	3
Sodium Disilicate	1	3
Sodium Ethylate	1	3
Sodium Ferricyanide	1	3
Sodium Ferrocyanide	1	3
Sodium Fluoride	1	3
Sodium Fluorosilicate	1	3
Sodium Glutamate	1	3
Sodium Hydride	X	X
Sodium Hydrogen Sulfate	1	3
Sodium Hydrosulfide	1	3
Sodium Hydrosulfite	1	3
Sodium Hydroxide, 3 Molar	1	2
Sodium Hypochlorite	1	1
Sodium Hypophosphate	1	3
Sodium Hypophosphite	1	3

Sodium Hyposulfite	1	3
Sodium Iodide	1	3
Sodium Lactate	1	3
Sodium Metaphosphate	1	1
Sodium Metasilicate	1	3
Sodium Methylate	1	3
Sodium Monophosphate	1	3
Sodium Nitrate	1	X
Sodium Oleate	1	3
Sodium Orthosilicate	1	3
Sodium Oxalate	1	3
Sodium Perborate	1	1
Sodium Percarbonate	1	3
Sodium Perchlorate	1	3
Sodium Peroxide	1	1
Sodium Persulfate	1	3
Sodium Phenolate	1	3
Sodium Phenoxide	1	3
Sodium Phosphate (Dibasic)	1	1
Sodium Phosphate (Mono)	1	1
Sodium Phosphate (Tribasic)	1	1
Sodium Plumbite	1	3
Sodium Pyrophosphate	1	3
Sodium Resinate	1	3
Sodium Salicylate	1	3
Sodium Salts	1	1
Sodium Sesquisilicate	X	X
Sodium Silicate	1	1
Sodium Silicofluoride	X	X
Sodium Stannate	1	3
Sodium Sulfate	1	1
Sodium Sulfide and Sulfite	1	1
Sodium Sulfoyanide	1	3
Sodium Tartrate	1	3
Sodium Tetraborate	1	3
Sodium Tetraphosphate	1	3
Sodium Tetrasulfide	1	3
Sodium Thioarsenate	1	3
Sodium Thiocyanate	1	3
Sodium Thiosulfate	1	1
Sodium Trichloroacetate	1	3
Sodium Triphosphate	1	3
Solvesso 100, 150	X	X
Sorbitol	1	3
Sour Crude Oil	4	1
Sour Natural Gas	4	1
Sovasol No. 1, 2, and 3	4	1

Sovasol No. 73 and 74	4	1
Soybean Oil	3	1
Spry	2	1
SR-10 Fuel	4	1
SR-6 Fuel	4	1
Standard Oil Mobilube GX90-EP Lu	4	1
Stannic Ammonium Chloride	1	3
Stannic Chloride	1	1
Stannic Chloride, 50%	1	1
Stannic Tetrachloride	1	3
Stannous Bisulfate	1	3
Stannous Bromide	1	3
Stannous Chloride (15%)	1	1
Stannous Fluoride	1	3
Stannous Sulfate	1	3
Stauffer 7700	4	1
Stearic Acid	2	X
Stoddard Solvent	4	1
Strontium Acetate	1	3
Strontium Carbonate	1	3
Strontium Chloride	1	3
Strontium Hydroxide	1	3
Strontium Nitrate	1	3
Styrene (Monomer)	4	2
Succinic Acid	1	3
Sucrose Solutions	1	1
Sulfamic Acid	1	3
Sulfanilic Acid	1	3
Sulfanilic Chloride	4	1
Sulfanilimide	4	1
Sulfite Liquors	1	3
Sulfolane	1	2
Sulfonated Oils	4	1
Sulfonic Acid	1	3
Sulfonyl Chloride	1	3
Sulfur	1	1
Sulfur (Molten)	3	1
Sulfur Chloride	4	1
Sulfur Dioxide, Dry	1	4
Sulfur Dioxide, Liquidified under pre	1	4
Sulfur Dioxide, Wet	1	4
Sulfur Hexafluoride	1	3
Sulfur Liquors	2	1
Sulfur Monochloride	4	1
Sulfur Tetrafluoride	X	X
Sulfur Trioxide Dry	2	1
Sulfuric Acid (20% Oleum)	1	3

Sulfuric Acid, 3 Molar to 158°F	1	1
Sulfuric Acid, Concentrated Room T	3	1
Sulfuric Acid, Concentrated to 158°	4	1
Sulfuric Chlorohydrin (Chlorosulfoni	1	3
Sulfurous Acid	2	1
Sunoco #3661	4	1
Sunoco All purpose grease	4	1
Sunoco SAE 10	4	1
Sunsafe (Fire resist. hydr. fluid)	4	1
Super Shell Gas	4	1
Surfuryl Chloride	1	3
Swan Finch EP Lube	4	1
Swan Finch Hypoid-90	4	1
Tallow	4	1
Tannic Acid (10%)	1	1
Tar, bituminous	4	1
Tartaric Acid	2	1
Tellone II	X	X
Terephthalic Acid	1	3
Terpineol	3	1
Terpinyl Acetate	4	1
Tertiary Amyl Methyl Ether (TAME)	X	X
Tertiary Butyl Catechol or p-tert-but	2	1
Tertiary Butyl Mercaptan	4	1
Tetrabromoethane	4	1
Tetrabromomethane	4	1
Tetrabutyl Titanate	1	1
Tetrachloroethylene	4	1
Tetrachoroethane	4	1
Tetraethyl Lead	4	1
Tetraethyl Lead "Blend" V1164-75	4	1
Tetraethyl Orthosilicate (TEOS)	X	X
Tetrahydrofuran	2	4
Tetralin	4	1
Tetramethyl Ammonium Hydroxide	1	3
Tetramethylcyclotetrasiloxane (TMC	X	X
Tetramethyldihydropyridine	4	1
Tetramethyldihydropyridine	4	1
Tetraphosphoglucosate	1	3
Tetraphosphoric Acid	X	X
Thio Acid Chloride	X	X
Thioamyl Alcohol	4	1
Thiodiacetic Acid	1	3
Thioethanol	1	3
Thioglycolic Acid	1	3
Thiokol TP-90B	1	1
Thiokol TP-95	1	1

Thionyl Chloride	4	1
Thiophene (Thiofuran)	4	1
Thiophosphoryl Chloride	1	3
Thiourea	1	3
Thorium Nitrate	1	3
Tidewater Multigear, 140 EP Lube	4	1
Tidewater Oil-Beedol	4	1
Tin Ammonium Chloride	1	3
Tin Chloride	4	1
Tin Tetrachloride	4	1
Titanic Acid	1	3
Titanium Dioxide	1	3
Titanium Sulfate	1	3
Titanium Tetrachloride	4	1
Toluene	4	1
Toluene Bisodium Sulfite	X	X
Toluene Diisocyanate (TDI)	2	4
Toluene Sulfonyl Chloride	4	1
Toluenesulfonic Acid	1	3
Toluidine	4	1
Toluol	1	3
Toluquinone	4	1
Tolylaldehyde	1	3
Transformer Oil	4	1
Transmission Fluid Type A	4	1
Triacetin	1	4
Triaryl Phosphate	1	1
Tribromomethylbenzene	4	1
Tributoxyethyl Phosphate	1	1
Tributyl Citrate	1	3
Tributyl Mercaptan	4	1
Tributyl Phosphate	1	4
Tributylamine	X	X
Trichloroacetic Acid	2	3
Trichloroacetyl Chloride	4	1
Trichlorobenzene	4	1
Trichloroethane	4	1
Trichloroethanolamine	1	3
Trichloroethylene	4	1
Trichloromethane	4	1
Trichloronitromethane (Chloropicrin)	1	3
Trichlorophenylsilane	X	X
Trichloropropane	4	1
Trichlorosilane	4	1
Tricresyl Phosphate	1	2
Triethanol Amine	2	4
Triethyl Phosphate	4	1

Triethylaluminum	X	X
Triethylborane	X	X
Triethylene Glycol	1	3
Triethylenetetramine	1	3
Trifluoroacetic Acid	1	3
Trifluoroethane	4	1
Trifluoromethane	4	1
Trifluorovinylchloride	4	1
Triisopropylbenzylchloride	4	1
Trimethylamine	1	3
Trimethylamine (TMA)	1	3
Trimethylbenzene	4	1
Trimethylborate (TMB)	4	1
Trimethylpentane	4	1
Trinitrololuene (TNT)	4	2
Trioctyl Phosphate	1	2
Triphenylphosphite	1	3
Tripoly Phosphate	1	2
Tripotassium Phosphate	1	3
Trisodium Phosphate	1	3
Tritium	X	X
Tung Oil (China Wood Oil)	4	1
Tungsten Hexafluoride	X	X
Tungstic Acid	X	X
Turbine Oil	4	1
Turbine Oil #15 (MIL-L-7808A)	4	1
Turbo Oil #35	4	1
Turpentine	4	1
Type I Fuel (MIL-S-3136)(ASTM Re	4	1
Type II Fuel MIL-S-3136	4	1
Type III Fuel MIL-S-3136(ASTM Re	4	1
Undecylenic Acid	4	1
Undecylic Acid	4	1
Univis 40 (Hydr. Fluid)	4	1
Univolt #35 (Mineral Oil)	4	1
Unsymmetrical Dimethyl Hydrazine	1	4
UPDI(Ultrapure Deionized Water)	1	3
Uranium Hexachloride	X	1
Uranium Hexafluoride	X	X
Uranium Sulfate Factory	X	X
Uric Acid	1	3
Valeraldehyde	1	3
Valeric Acid	1	3
Vanadium Oxide	4	1
Vanadium Pentoxide	4	1
Varnish	4	1
Vegetable Oil	3	1

Versilube F44, F55	1	1
Versilube F-50	1	1
Vinegar	2	3
Vinyl Acetate	1	3
Vinyl Benzene	4	1
Vinyl Benzoate	4	1
Vinyl Chloride	4	1
Vinyl Fluoride	4	1
Vinylidene Chloride	4	1
Vinylpyridine	4	1
Vitriol (White)	1	3
VV-H-910	1	1
Wagner 21B Brake Fluid	1	4
Water	1	2
Wemco C	4	1
Wood Alcohol	1	4
Wood Oil	4	1
Xenon	1	1
Xylene	4	1
Xylidenes-Mixed-Aromatic Amines	1	4
Xylol	4	1
Zeolites	1	1
Zinc Acetate	1	4
Zinc Ammonium Chloride	1	3
Zinc Chloride	1	1
Zinc Chromate	1	3
Zinc Cyanide	1	3
Zinc Diethyldithiocarbamate	1	3
Zinc Dihydrogen Phosphate	1	3
Zinc Fluorosilicate	X	X
Zinc Hydrosulfite	1	3
Zinc Naphthenate	X	X
Zinc Nitrate	1	1
Zinc Oxide	1	1
Zinc Phenolsulfonate	1	3
Zinc Phosphate	1	1
Zinc Salts	1	1
Zinc Silicofluoride	X	X
Zinc Stearate	1	3
Zinc Sulfate	1	1
Zinc Sulfide	1	3
Zirconium Nitrate	1	1