

**TG Medical USA**

**PRODUCT SPECIFICATION**  
**Nitrile Powderfree Examination Gloves (Textured)**

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**SECTION I: PRODUCT DESCRIPTION**

1. 1	Type	Nitrile Examination Glove, <b>Powderfree</b> , Non-sterile
1. 2	Material	100% Synthetic Nitrile Latex
1. 3	Color ( Pigment )	<ul style="list-style-type: none"> <li>○ <b>Off white</b></li> <li>○ <b>Blue</b></li> <li>○ <b>Black</b></li> </ul>
1. 4	Design and Feature	Ambidextrous, <b>textured</b> , beaded cuff
1. 5	Powder	No powder lubricant added
1. 6	Storage Condition	The gloves shall maintain their properties when stored in a dry condition. Avoid direct sunlight.
1. 7	Shelf-Life	The gloves shall have shelf life of 5 years from the date of manufacture with the above storage condition.
1. 8	Packing Style	100 pcs gloves x 10 dispensers x 1 carton
1. 9	Size Marking	The size of gloves shall be marked in the check box on every carton with black ink.

**SECTION II: PERFORMANCE REQUIREMENTS**

(Sampling Plan – ISO 2859 Single Normal)

#	Characteristics	Inspection Level	Acceptable Quality Level	Reference Standard
2.1	Dimensions	S2	4.0	ASTM D6319-00a <sup>e3</sup>
2.2	Physical Properties	S2	4.0	ASTM D6319-00a <sup>e3</sup>
2.3	Freedom from Holes (Water Tight Test)	GI	2.5	FDA 1000MIL Test Method ASTM D6319-00a <sup>e3</sup>
2.4	Visual Defects:			
(i)	Major Visual	GI	2.5	In-house practice
(ii)	Minor Visual		4.0	
2.5	Packaging Defects:			
(i)	Regulatory	GI	**	In-house practice
(ii)	Visual	GI	4.0	
(iii)	Critical (incl. Gloves Counting)	S2	4.0	
2.6	Powderfree Residue	N=5	-	ASTM D6319-00a <sup>e3</sup> ASTM D6124-06
2.7	Mix Size / Mix Glove / Mix Hand	Not Allowed		

\*\*Unacceptable at any level

**TG Medical USA****SECTION III: PERFORMANCE SPECIFICATION**

## 3.1 Dimensions

Description	Size	Standard
Length (mm)	All Sizes	Min 240
Palm Width (mm)	XS	76 +/- 3
	S	84 +/- 3
	M	94 +/- 3
	L	105 +/- 3
	XL	113 +/- 3
Thickness (mm) *single wall	All Sizes	Finger : 0.12 +/- 0.02 (Typical value: 0.13 – 0.14)  Palm : 0.10 +/- 0.02 (Typical value: 0.10 – 0.12)

## 3.2 Physical Properties

Description	Standard	
	Before Aging	After Aging
Elongation at break (%)	min 500 (Typical value: 500 - 600)	min 400 (Typical value: 400 - 500)
Tensile Strength (MPa)	min 14 (Typical value: 14 - 20)	min 14 (Typical value: 14 - 20)

## 3.3 Freedom from holes

The sample size and allowable number of non-conforming gloves in the samples shall be determined in accordance to Sampling Plan ISO 2859-1 Single Normal using inspection and acceptable quality level as stated in Section II: Performance Requirements.

## 3.4 Visual Defects

The sample size and allowable number of non-conforming gloves in the samples for both major and minor defects shall be determined in accordance to Sampling Plan ISO 2859-1 Single Normal using inspection and acceptable quality level as stated in Section II: Performance Requirements.

## 3.5 Packaging Defects

The Sample size and allowable number of non-conforming in the samples for regulatory, visual and critical packaging defects shall be determined in accordance to Sampling Plan ISO 2859-1 Single Normal using inspection and acceptable quality level as stated in Section II: Performance Requirements (Gloves Counting=100 pcs by weight per Dispenser).

## 3.6 Powderfree Residue

Maximum 2 mg per glove

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 Date : 31<sup>st</sup> May 2011

## CHEMICAL RESISTANCE & BARRIER GUIDE

This Chemical Resistance Chart is intended to provide general information about the reactions of different glove materials to the chemicals listed. This information is based upon published research data. Top Glove's gloves have not been individually tested against these chemicals. Variability in glove thickness, chemical concentration, temperature and length of exposure to chemicals will affect the performance.

Disclaimer: This information should be used for reference purpose only. User must proceed with caution when handling these chemicals.

**NOTE: E = Excellent G = Good F = Fair P = Poor**

Chemical	NR Latex	Vinyl	Nitrile	Neoprene
Acetaldehyde	F	P	P	F
Acetamide	F	P	P	F
Acetate Solvent	P	F	F	P
Acetic Acid	G	P	F	F
Acetic Acid 20%	P	G	G	E
Acetic Acid 80%	F	F	F	F
Acetic Acid, Glacial	F	P	F	P
Acetic Anhydride	F	P	P	E
Acetone	F	P	P	F
Acetyl Bromide	-	P	-	-
Acetyl Chloride (dry)	P	F	P	P
Acetylene	G	E	G	G
Acrylonitrile	G	G	P	F
Acrylic Acid	G	-	G	-
Adipic Acid	E	E	F	F
Alcohols: Amyl	G	E	G	E
Benzyl	P	P	P	F
Butyl	E	E	F	F
Diacetone	P	G	P	P
Ethyl	E	F	F	E
Hexyl	E	E	E	E
Isobutyl	E	E	G	E
Isopropyl	E	E	G	G
Methyl	E	E	E	E
Octyl	G	-	G	G
Propyl	E	E	E	E
Aluminium Chloride	E	E	E	E
Aluminium Chloride 20%	E	E	E	E
Aluminium Fluoride	G	E	E	E
Aluminium Hydroxide	P	E	E	E
Aluminium Nitrate	E	G	E	E
Aluminium Potassium Sulfate 10%	E	E	E	E
Aluminium Potassium Sulfate 100%	E	E	E	E
Aluminium Sulfate	E	E	E	E
Alums	E	-	E	G
Amines	G	P	P	G
Ammonia 10%	P	G	E	E
Ammonia Nitrate	-	G	F	F
Ammonia, anhydrous	P	E	G	E
Ammonia, liquid	P	E	F	E
Ammonium Acetate	E	E	G	E
Ammonium Bifluoride	-	E	G	P
Ammonium Carbonate	E	E	G	E
Ammonium Caseinate	-	-	-	E
Ammonium Chloride	E	E	G	G
Ammonium Fluoride, 30-70%	E	-	E	-
Ammonium Hydroxide 30-70%(conc.)	P	E	P	E
Ammonium Hydroxide <30%	E	-	E	-
Ammonium Nitrate	F	E	E	G
Ammonium Oxalate	-	E	P	E
Ammonium Persulfate	E	E	E	E
Ammonium Phosphate, Dibasic	E	E	E	E
Ammonium Phosphate, Monobasic	E	E	E	E
Ammonium Phosphate, Tribasic	E	E	E	E
Ammonium Sulfate	E	E	E	E
Ammonium Sulfite	E	E	E	E
Ammonium Thiosulfate	-	-	E	E
Amyl Acetate	P	P	P	P
Amyl Chloride	P	P	P	P
Aniline	P	F	P	P
Aniline Hydrochloride	E	G	P	P

Antifreeze	E	E	E	F
Antimony Trichloride	-	E	G	-
Aqua Regia (80% HCl, 20% HNO3)	P	F	P	P
Arochlor 1248	P	-	F	P
Aromatic Hydrocarbons	P	P	P	P
Arsenic Acid	G	E	E	E
Arsenic Salts	-	E	-	-
Asphalt	P	E	G	P
AZT	G	-	-	-
Barium Carbonate	-	E	E	-
Barium Chloride	E	E	E	E
Barium Cyanide	-	P	F	F
Barium Hydroxide	E	E	E	E
Barium Nitrate	E	E	E	E
Barium Sulfate	E	G	E	E
Barium Sulfide	E	E	E	E
Beer	E	E	E	E
Beer Sugar Liquids	E	E	E	E
Benzaldehyde	P	P	P	P
Benzene	P	F	P	P
Benzene Sulfonic Acid	E	E	P	E
Benzoic Acid	P	E	P	G
Benzol	P	-	P	P
Benzonitrile	-	-	-	-
Bromopropionic Acid	G	-	F	-
Benzyl Chloride (a)	P	P	P	P
Bleaching Liquors	P	E	P	P
Borax (Sodium Borate)	E	E	G	E
Boric Acid	E	E	E	P
Brewery Slop	-	-	E	E
Bromine	P	F	P	P
Butadiene	P	F	P	G
Butane	P	F	E	E
Butanol (Butyl Alcohol)	E	F	E	E
Butter	P	-	E	G
Butter Milk	P	E	E	P
Butyl Acrylate	P	-	P	-
Butyl Amine	P	P	-	P
Butyl Cellulose	G	-	G	-
Butyraldehyde	P	G	-	G
Butyl Ether	P	E	G	P
Butyl Phthalate	P	-	P	P
Butylacetate	P	P	P	P
Butylene	P	E	E	P
Butyric Acid	P	G	P	P
Calcium Bisulfate	E	-	E	E
Calcium Bisulfide	P	E	E	E
Calcium Bisulfite	P	G	E	E
Calcium Carbonate	E	E	E	E
Calcium Chlorate	E	G	E	-
Calcium Chloride (30% in water)	E	F	E	E
Calcium Hypochloride	P	G	F	P
Calcium Hydroxide	E	G	E	E
Calcium Nitrate	E	E	E	E
Calcium Oxide	G	G	E	E
Calcium Sulfate	G	G	E	G
Calgon	E	-	E	E
Cane Juice	E	E	E	E
Carbolic Acid (Phenol)	P	P	P	P
Carbon Bisulfide	P	P	F	P
Carbon Dioxide (dry)	G	E	E	G
Carbon Dioxide (wet)	G	E	E	G
Carbon Disulfide	P	P	P	P
Carbon Monoxide	P	E	E	G
Carbon Tetrachloride (dry)	P	P	P	P
Carbon Tetrachloride (wet)	P	-	F	P
Carbonate Water	-	E	E	E
Carbonic Acid	F	E	P	P
Catsup	-	E	E	E
Chloric Acid	-	E	-	-
Chlorinated Glue	-	-	G	P
Chlorine Water	F	E	P	P
Chlorine, Anhydrous Liquid	F	P	P	P
Chlorine (dry)	P	P	G	F

Chloroacetic Acid	P	G	P	P
Chloroacetone	F	P	-	E
Chlorobenzene (mono)	P	P	P	P
Chlorobromomethane	P	P	P	P
Chloroform (a)	P	P	P	P
Chlorosulfonic Acid	P	P	P	P
Chocolate Syrup	P	-	E	E
Chromic Acid (5%)	G	E	P	P
Chromic Acid (10%)	P	E	P	P
Chromic Acid (30%)	P	E	P	P
Chromic Acid (50%)	P	P	P	P
Chromium Salts	-	E	-	-
Cider	-	E	E	E
Citric Acid	E	G	E	E
Citric Oils	-	-	E	P
Clorox (Bleach)	P	E	P	G
Coffee	E	-	E	E
Copper Chloride	F	E	E	E
Copper Cyanide	E	E	E	E
Copper Fluoborate	-	E	G	E
Copper Nitrate	F	E	E	E
Copper Sulfate (5%)	F	E	E	E
Copper Sulfate (>5%)	F	E	E	E
Cream	-	-	E	P
Cresols	P	P	P	P
Cresylic Acid	P	P	P	P
Cupric Acid	G	E	G	E
Cyanic Acid	-	-	F	F
Cyclohexane	P	P	G	P
Cyclohexanone	P	P	P	P
Cisplatin	G	-	G	-
Cyclohexylamine	P	-	E	-
Detergents	G	E	E	G
Diacetone Alcohol	F	P	P	P
Dibenzyl Ether	F	P	-	G
Dibutyl Phthalate	F	P	-	G
Dichlorobenzene	P	P	P	P
Dichloroethane	P	P	P	P
Diesel Fuel	P	E	E	G
Diethanolamine	F	E	-	E
Diethylamine	E	P	F	E
Diethyl Ether	P	P	P	P
Diethylene Glycol	E	F	E	E
Dimethyl Aniline	P	P	P	P
Dimethyl Formamide	F	P	P	P
Dimethyl Sulfoxide (b)	E	-	G	-
Diphenyl	P	-	P	G
Diphenyl Oxide	P	P	E	P
Dyes	-	G	-	-
Di-N-Butylamine	P	-	E	-
Dochloroacetyl Chloride	P	-	P	-
1,3-Dioxane	F	-	P	-
1,4-Dioxane	P	-	P	-
Epichlorohydrin	F	-	P	-
Epsom Salts (Magnesium Sulfate)	G	E	E	E
Ethane	P	E	E	G
Ethyl Acetate	F	P	P	P
Ethanol	E	F	F	E
Ethanolamine	G	P	G	G
Ether	P	P	P	P
Ethyl Acetate	F	P	P	P
Ethyl Benzoate	P	P	P	P
Ethyl Chloride	G	P	E	F
Ethyl Ether	P	P	P	P
Ethyl Sulfate	-	-	E	-
Ethylene Bromide	F	P	P	F
Ethylene Chloride	P	P	P	P
Ethylene Chlorohydrin	F	P	P	E
Ethylene Diamine	G	P	E	G
Ethylene Dichloride (a)	P	P	P	P
Ethylene Glycol	E	E	E	E
Ethylene Oxide	P	P	P	P
Ethylene Trichloride (a)	P	P	-	P
Fatty Acids	F	E	G	F

Ferric Chloride	E	E	E	G
Ferric Nitrate	E	E	E	E
Ferric Sulfate	E	E	E	E
Ferrous Chloride	E	E	E	E
Ferrous Sulfate	G	E	E	-
Fluoboric Acid	E	E	E	E
Fluorine	F	P	P	-
Fluosillic Acid	E	P	E	E
Formaldehyde, 30-70%	G	E	G	G
Formaldehyde, 100%	F	E	F	F
Formic Acid	E	E	F	F
Freon 11	P	E	G	P
Freon 12	F	E	E	E
Freon 22	P	E	P	E
Freon 113	P	G	E	F
Freon TF	P	G	E	E
Fruit Juice	P	E	E	E
Fuel Oils	P	E	P	G
Furan Resin	P	E	P	P
Furfural	P	P	P	P
Gallic Acid	E	G	G	G
Gasoline (high-aromatic)	P	E	E	E
Gasoline, leaded, ref.	P	G	E	G
Gasoline, unleaded	P	F	E	G
Gelatin	E	G	E	E
Glucose	E	E	E	E
Glue, P.V.A	E	F	E	E
Glutaraldehyde, <5%	G	-	G	-
Glycerol	G	E	E	G
Glycolic Acid	P	G	E	E
Gold Monocyanide	-	-	E	E
Grape Juice	P	E	E	P
Grease	P	E	E	P
Heptane	P	F	E	G
Honey	P	G	E	G
Hydraulic Oil (Petrol)	P	E	E	E
Hydraulic Oil (Synthetic)	P	E	P	E
Hexane	P	P	-	E
Hydrazine	F	-	G	G
Hydrobromic Acid, 20%	E	G	P	P
Hydrobromic Acid, 100%	E	E	P	P
Hydrochloric Acid, 20%	E	E	G	F
Hydrochloric Acid, 37%	E	G	G	G
Hydrochloric Acid, 100%	P	P	P	P
Hydrochloric Acid, Dry Gas	-	E	-	-
Hydrocyanic Acid	G	G	G	G
Hydrocyanic Acid, Dry Gas	G	E	G	E
Hydrofluoric Acid (20%)	G	G	P	G
Hydrofluoric Acid (50%)	G	G	P	P
Hydrofluoric Acid (75%)	P	F	P	P
Hydrofluoric Acid (100%)	P	F	P	P
Hydrofluosillic Acid 20%	E	E	E	G
Hydrofluosillic Acid 100%	E	G	G	G
Hydrogen Gas	G	E	E	E
Hydrogen Peroxide 10%	G	E	P	P
Hydrogen Peroxide 30%	F	E	P	P
Hydrogen Peroxide 50%	F	E	P	P
Hydrogen Peroxide 100%	F	E	P	P
Hydrogen Sulfide (aqua)	F	G	P	E
Hydrogen Sulfide (dry)	F	E	P	E
Hydroquinone	E	G	P	E
Hydroxyacetic Acid 70%	-	P	E	E
Ink	P	F	E	E
Iodine	P	E	G	P
Iodine (in alcohol)	-	E	-	-
Iodoform	G	E	P	E
Isooctane	E	E	E	G
Isopropyl Acetate	P	P	P	P
Isopropyl Ether	E	G	G	P
Isotane	-	E	E	P
Isobutyl Alcohol	P	-	E	-
Isopropylamine	P	-	P	-
Jet Fuel (JP3, JP4, JP5, JP8)	P	F	E	P
Kerosene	P	E	E	E

Ketones	E	P	P	P
Lacquer Thinners	P	P	P	P
Lacquers	P	P	P	P
Lactic Acid	E	G	E	E
Lard	P	E	E	P
Latex	-	-	E	-
Lead Acetate	E	G	G	E
Lead Nitrate	E	E	E	E
Lead Sulfamate	G	G	G	E
Ligroin	P	-	E	G
Lime	-	G	E	E
Linoleic Acid	P	E	G	-
Lithium Chloride	G	P	E	E
Lithium Hydroxide	-	-	F	-
Lubricants	P	G	E	P
Lye: KOH Potassium Hydroxide	G	G	G	G
Lye: NaOH Sodium Hydroxide	E	E	E	G
Lye: Ca(OH)2 Calcium Hydroxide	G	G	E	E
Magnesium Bisulfate	G	E	G	G
Magnesium Carbonate	-	G	E	E
Magnesium Chloride	E	G	E	E
Magnesium Hydroxide	E	E	E	E
Magnesium Nitrate	E	E	E	E
Magnesium Oxide	-	-	E	E
Magnesium Sulfate (Epsom Salts)	G	E	E	E
Maleic Acid	G	E	P	P
Maleic Anhydride	P	-	P	P
Malic Acid	G	E	E	P
Managese Sulfate	E	F	E	E
Mash	-	-	E	E
Mayonnaise	P	P	F	E
Malathion, 30-70%	E	-	E	-
Melamine	-	P	F	P
Mercuric Chloride (dilute)	E	E	E	E
Mercuric Cyanide	-	A	A	A
Mercurous Nitrate	G	E	G	G
Mercury	E	E	E	E
Methane	P	G	E	G
Methanol (Methyl Alcohol)	E	E	E	E
Methyl Acetate	P	P	P	G
Methyl Acetone	E	P	P	P
Methyl Acrylate	P	-	P	G
Methyl Alcohol 10%	E	E	E	E
Methylamine	G	E	E	G
Methyl Bromide	P	P	G	P
Methyl Butyl Ketone	P	E	P	P
Methyl Cellosolve	P	P	E	G
Methyl Chloride (a)	P	P	P	P
Methyl Dichloride	-	E	P	-
Methyl Methacrylate	P	-	P	-
Methylene Chloride (a)	F	F	G	F
Methyl Ethyl Ketone	F	P	G	G
Methyl Ethyl Ketone Peroxide	P	-	P	P
Methyl Isobutyl Ketone	P	P	P	P
Methyl Isopropyl Ketone	P	P	P	P
Methyl Methacrylate	P	E	P	P
Methylamine	G	P	G	-
Metylene Chloride (a)	G	P	P	-
Milk	E	E	E	E
Mineral Spirits	P	E	E	F
Molasses	E	E	E	E
Monochloroacetic Acid	-	-	P	E
Monoethanolamine	G	P	G	P
Morpholine	E	-	P	P
Motor Oil	-	G	E	G
Mustard	G	G	G	E
Naphthalene (a)	P	P	P	P
Naphtha	P	E	E	P
Natural Gas	-	E	E	E
Nickel Chloride	E	E	E	G
Nickel Nitrate	E	E	E	E
Nickel Sulfate	G	E	E	E
Nitrating Acid (<1% Acid)	F	P	-	E
Nitrating Acid (<15%, H2SO4)	F	P	-	E

Nitrating Acid (>15% H2SO4)	F	P	P	E
Nitrating Acid (<15% HNO3)	F	P	-	E
Nitric Acid (5-10%)	P	E	P	G
Nitric Acid (20%)	P	E	P	P
Nitric Acid (50%)	P	G	P	P
Nitric Acid (conc.)	P	G	P	P
Nitrobenzene	P	P	P	P
Nitromethane	G	G	P	P
Nitrous Acid	F	E	-	P
Nitrous Oxide	E	E	-	E
Oils: Aniline	P	P	P	P
Anise	-	-	-	P
Bay	-	-	-	P
Bone	-	-	E	P
Castor	E	E	G	E
Cinnamon	-	P	-	F
Citric	-	G	P	P
Clove	-	-	E	F
Coconut	P	E	E	F
Cod Liver	P	E	E	G
Corn	P	G	P	E
Cottonseed	P	G	E	F
Creosote	P	F	P	F
Diesel Fuel (20, 30, 40, 50)	P	G	E	G
Fuel (1, 2, 3, 5A, 5B, 6)	P	E	G	P
Ginger	-	-	E	E
Hydraulic Acid (Petro)	P	E	E	E
Hydraulic Acid (Synthetic)	P	E	P	E
Linseed	P	E	E	P
Mineral	P	G	E	G
Olive	P	F	P	G
Orange	-	F	E	F
Palm	-	E	E	P
Peanut	P	E	E	G
Peppermint	-	-	P	P
Pine	P	P	P	P
Rapeseed	P	-	P	G
Rosin	-	F	E	-
Sesame Seed	-	E	E	P
Silicone	P	E	E	P
Soybean	P	E	E	F
Sperm (whale)	-	-	E	P
Tanning	-	-	E	P
Transformer	P	G	E	G
Turbine	P	E	G	P
Oleic Acid	P	F	G	F
Oleum 25%	P	P	P	P
Oleum 100%	P	P	P	P
Oxalic Acid (cold)	G	G	P	P
Ozone	P	G	P	F
Palmitic Acid	G	G	E	P
Paraffin	G	G	G	G
Pentane	P	E	E	G
PCB (Polychlorinated Biphenyls)	P	-	G	-
Perchloric Acid, 30-70%	F	F	P	E
Pentachlorophenol	P	F	F	P
Perchloroethylene	P	F	F	P
Peroxyacetic Acid	P	-	P	-
Petrolatum	F	G	E	E
Petroleum	P	-	E	G
Phenol, 10%	E	F	P	P
Phosphoric Acid, <40%	G	G	P	G
Phosphoric Acid, >40%	G	G	P	G
Phosphoric Acid (crude)	P	G	P	P
Phosphoric Acid (molten)	-	P	-	E
Phosphoric Acid Anhydride	-	-	P	E
Phosphorus	-	E	-	-
Phosphorus Trichloride	P	P	P	P
Photographic Developer	E	E	E	E
Photographic Solutions	G	E	G	G
Phthalic Acid	-	-	P	E
Phthalic Anhydride	E	P	P	E
Picric Acid	P	P	F	E
Potash (Potassium Carbonate)	E	E	E	E



Potassium Bicarbonate	E	E	E	E
Potassium Bromide	E	E	E	E
Potassium Chlorate	E	E	E	E
Potassium Chloride	E	E	E	E
Potassium Chromate	G	E	E	E
Potassium Cyanide Solutions	E	E	E	G
Potassium Dichromate	G	E	E	E
Potassium Ferricyanide	G	E	P	E
Potassium Ferrocyanide	E	E	P	E
Potassium Hydroxide (sat.)	G	E	G	G
Potassium Hypochlorite	F	G	E	G
Potassium Iodide	G	E	E	E
Potassium Nitrate	E	E	E	E
Potassium Permanganate	E	E	F	E
Potassium Sulfate	E	E	E	E
Potassium Sulfide	G	E	E	E
Propane (liquefied)	P	E	E	F
Propylene Dichloride	P	P	-	F
Propylene Glycol	E	F	E	F
Pyridine	P	P	P	P
Pyrogallic Acid	-	E	-	E
Resorcinol	-	F	-	P
Rosins	-	F	E	E
Rum	E	E	E	E
Rust Inhibitors	-	-	E	F
Salad Dressings	-	-	E	-
Salicyclic Acid	E	G	G	-
Salt Brine (NaCl saturated)	E	E	E	E
Sea Water	E	E	E	G
Shellac (Bleached)	E	-	E	G
Shellac (Orange)	P	-	E	P
Silicon Etch	P	-	P	-
Silver Nitrate	E	E	G	E
Soap Solutions	G	E	E	G
Soda Ash (see Sodium Carbonate)	E	E	E	E
Sodium Acetate	E	G	G	G
Sodium Aluminate	E	E	-	E
Sodium Benzoate	G	G	G	E
Sodium Bicarbonate	E	E	E	E
Sodium Bisulfate	E	E	G	E
Sodium Bisulfide	E	E	E	E
Sodium Borate (Borax)	E	E	E	E
Sodium Bromide	E	G	-	E
Sodium Carbonate	E	E	E	E
Sodium Chlorate	E	E	G	E
Sodium Chloride	E	E	E	E
Sodium Chromate	G	-	E	E
Sodium Cyanide	E	E	E	E
Sodium Ferrocyanide	G	E	E	E
Sodium Fluoride	-	E	E	E
Sodium Hydrosulfite	F	F	F	G
Sodium Hydroxide 20%	E	E	E	G
Sodium Hydroxide 50%	E	E	E	G
Sodium Hydroxide 80%	E	E	P	G
Sodium Hypochlorite <20%	F	E	G	F
Sodium Hypochlorite 100%	F	G	P	F
Sodium Hyposulfate	F	-	-	F
Sodium Metaphosphate	E	E	E	G
Sodium Metasilicate	E	E	E	E
Sodium Nitrate	G	E	E	G
Sodium Perborate	G	E	G	G
Sodium Peroxide	G	G	G	G
Sodium Polyphosphate	F	E	E	G
Sodium Silicate	E	E	E	E
Sodium Sulfate	G	E	E	E
Sodium Sulfide	G	E	E	E
Sodium Sulfite	G	E	E	E
Sodium Tetraborate	E	E	E	G
Sodium Thiosulfate (hypo)	G	E	G	E
Sorghum	E	-	E	E
Soy Sauce	-	-	E	E
Stannic Chloride	E	E	E	F
Stannic Fluoborate	-	-	E	E
Stannous Chloride	E	E	E	E

Starch	E	E	E	E
Stearic Acid	-	G	G	G
Stoddard Solvent	P	F	E	F
Styrene	P	P	P	P
Sugar (liquids)	E	-	E	E
Sulfate (liquors)	G	G	E	G
Sulfate Chloride	P	F	P	P
Sulfur Dioxide	-	E	P	G
Sulfur Dioxide (dry)	F	E	P	P
Sulfur Hexafluoride	P	G	G	E
Sulfur Trioxide	F	E	P	P
Sulfur Trioxide (dry)	-	E	P	P
Sulfuric Acid (<10%)	E	E	E	G
Sulfuric Acid (10-75%)	F	E	G	G
Sulfuric Acid (75-100%)	P	P	F	P
Sulfuric Acid (cold conc.)	P	P	P	P
Sulfuric Acid (hot conc.)	P	P	P	P
Sulfurous Acid	G	E	G	F
Tallow	-	-	E	G
Tannic Acid	E	E	E	E
Tanning Liquors	F	E	G	E
Tartaric Acid	E	E	E	E
Tetrachloroethane	P	F	P	P
Tetrachloroethylene	P	P	P	P
Tetrahydrofuran	P	P	P	P
Tin Salts	E	E	E	-
Toluene (a)	P	P	P	P
Toluene-2,4-Diisocyanate (TDI)	P	-	P	-
Tomato Juice	E	E	E	E
Trichloroacetic Acid	F	G	-	P
Trichloroethane	P	F	P	P
Trichloroethylene (a)	P	P	P	P
Trichloropropane	P	-	P	E
Tricresyl Phosphate	G	P	P	F
Triethanolamine	F	E	E	E
Trinitrotoluene	P	P	-	E
Trisodium Phosphate	E	E	E	E
Turpentine	P	P	-	P
Urea	-	P	G	G
Uric Acid	-	E	-	E
Urine	P	E	E	P
Varnish	P	P	G	P
Vegetable Juice	-	-	E	-
Vinegar	G	G	G	G
Vinyl Acetate	P	P	P	P
Vinyl Chloride	F	P	P	P
Water, Deionized	E	E	E	E
Water, Acid, Mine	G	G	E	F
Water, Distilled	E	E	E	E
Water, Fresh	E	G	E	E
Water, Salt	E	G	E	E
Weed Killers	-	-	E	F
Whey	-	-	E	-
Whiskey & Wines	E	E	E	F
White Liquor (Pulp Mill)	-	E	E	E
White Water (Paper Mill)	-	E	-	E
Xylene	P	P	P	P
Zinc Chloride	E	G	E	E
Zinc Hydrosulfide	-	-	E	E
Zinc Sulfate	G	E	E	E

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