

**LEGEND:**  
**1 = Recommended**  
**2 = Suitable for Use**  
**3 = Useable, not recommended**  
**4 = Not Recommended**

Use of product in environments specified as "USEABLE, NOT RECOMMENDED" or "NOT RECOMMENDED" may lead to product failure and will void warranty. These ratings are intended to be used as a guide only. For decisive results, please call for a free product sample for on-site testing in actual conditions. Actual results may vary depending on concentration of chemicals. Note: Ratings for products #470, #474, #477, #479, #480, #482, #490, #970, #974, #975, #977, #979, #982, #980 & #990 refer to top surface only. Copyright in Chicago, Illinois - July, 2004

Chemical	Form	Chemical Family	Concentration	045	660	T17	523	825
2-Propanol (isopropyl alcohol)	Liquid	Alcohol		1	1	1	2	2
Acetaldehyde	Liquid	Aldehyde	50%	2	2	2	4	4
Acetic Acid	Liquid	Acid (weak, organic)	50%	2	2	2	3	3
Acetic Acid	Liquid	Glacial		3	3	3	3	4
Acetic Anhydride	Liquid	Acid (weak)		3	3	3	2	2
Acetone	Liquid	Ketone		3	3	3	4	4
Ammonium Hydroxide	Liquid	Base (weak)	28-30%	4	4	4	4	1
Amyl Acetate	Liquid	Carboxylic Acid (Aliphatic)		4	4	4	4	3
Aniline	Liquid	Base (aromatic, weak)		4	4	4	4	4
ASTM #1	Liquid	Paraffin Oil		4	4	4	1	1
Beef Fat	Solid/Liquid			4	4	4	1	2
Benzene	Liquid	Aromatic HC		4	4	4	4	4
Benzoic Acid	Liquid	Carboxylic Acid (Aromatic)		4	4	4	4	1
Benzyl Alcohol	Liquid	Alcohol		4	4	4	4	4
Boric Acid	Liquid	Acid (weak)		1	1	1	1	1
Brake Fluid	Liquid	Ether/Glycol		4	4	4	4	4
Bromine	Liquid/Gas	Halogen		4	4	4	4	2
Butane	Liquid	Aliphatic HC		4	4	4	1	3
Butter	Solid/Liquid			4	4	4	1	2
Butyl Acetate	Liquid	Carboxylic Acid (Aliphatic)		4	4	4	4	3
Butyl Alcohol (butanol)	Liquid	Alcohol		1	1	1	1	1
Calcium Chloride	Solid	Inorganic Salt		1	1	1	1	2
Calcium Hydroxide	Solid	Metal Hydroxide		1	1	1	1	2
Carbolic Acid (liquid phenol)	Liquid	Acid (organic)		4	4	4	4	4
Carbon Monoxide	Gas	Inorganic Carbon Compound		3	3	3	2	2
Carbon Tetrachloride	Liquid	Halogenated Organic Liquid		4	4	4	3	3
Chicken Fat	Solid/Liquid			4	4	4	2	2
Chloroacetone	Liquid	Ketone		4	4	4	4	4
Chloroform	Liquid	Aliphatic HC		4	4	4	4	4
Chromic Acid	Liquid	Acid (weak)	50%	4	4	4	4	3
Citric Acid	Liquid	Acid (weak, organic)	10%	1	1	1	1	2
Corn Oil	Liquid	Fatty Acid		4	4	4	1	2
Cottonseed Oil	Liquid	Aliphatic HC		4	4	4	2	3
Cyclohexane	Liquid	Aliphatic HC		4	4	4	1	4
Cyclohexanol	Liquid	Alcohol (cyclic)		4	4	4	3	3
Cyclohexanone	Liquid	Ketone		4	4	4	4	4
Dibutyl Phthalate	Liquid	Ester		4	4	4	4	3
Diesel fuel	Liquid	Petroleum HC		4	4	4	1	3
Diesel Oil	Liquid	Petroleum HC		4	4	4	1	3
Diethyl Phthalate (DOP)	Liquid	Ester		4	4	4	3	4
Ethane	Liquid	Aliphatic HC		4	4	4	1	1
Ethyl Acetate	Liquid	Ester		2	2	2	4	3
Ethyl Alcohol (ethanol)	Liquid	Alcohol		1	1	1	1	3
Ethyl Ether	Liquid	Ether		4	4	4	3	3
Ethylene Glycol (antifreeze)	Liquid	Alcohol		1	1	1	1	1
Formaldehyde	Liquid	Aldehyde	37%	3	3	3	2	1
Formic Acid	Liquid	Acid (weak, organic)		2	2	2	2	1
Fresh Water	Liquid			1	1	1	1	1
Fuel Oil	Liquid	Aliphatic HC		4	4	4	1	2
Gasoline	Liquid	Aliphatic HC		4	4	4	1	3
Gear Oil (85w-140)	Liquid	Paraffin Oil		4	4	4	1	2
Glucose	Liquid	Sugar		1	1	1	1	1
Glycerin	Liquid	Alcohol		1	1	1	1	1
Heptane	Liquid	Aliphatic HC		4	4	4	1	2
Hexane	Liquid	Aliphatic HC		4	4	4	1	3
Hydraulic Fluid	Liquid	Aliphatic HC		4	4	4	1	2
Hydrazine	Liquid	Base (weak)		4	4	4	2	1
Hydrochloric Acid	Liquid	Acid (strong)	30%	2	2	2	4	2
Hydrofluoric Acid	Liquid	Acid (weak)	30%	4	4	4	4	3

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Chemical	Form	Chemical Family	Concentration	045	660	T17	523	825
Hydrogen Peroxide	Liquid			3	3	3	3	1
Iodine	Liquid	Inorganic Halogenated Comp		4	4	4	3	3
IRM 902	Liquid	Napathenic Oil		4	4	4	2	2
IRM 903	Liquid	Napathenic Oil		4	4	4	2	2
Jet Fuel	Liquid	Aromatic HC		4	4	4	1	3
Kerosene	Liquid	Aliphatic HC		4	4	4	1	3
Lacquers	Liquid	Aromatic HC (with alcohol)		4	4	4	4	4
Linoleic Acid	Liquid	Fatty Acid		4	4	4	2	2
Linseed Oil	Liquid	Fatty Acid		4	4	4	1	2
Methane	Liquid	Aliphatic HC		4	4	4	1	2
Methyl Alcohol (methanol)	Liquid	Alcohol		1	1	1	1	1
Methyl Ethyl Ketone (MEK)	Liquid	Ketone		4	4	4	4	4
Methyl Formate	Liquid	Alcohol		3	3	3	3	3
Methyl Isobutyl Ketone (MIBK)	Liquid	Ketone		4	4	4	4	4
Methyl Methacrylate	Liquid	Ester		4	4	4	4	1
Methylene Chloride	Liquid	Aliphatic HC (halogenated)		4	4	4	4	4
Mineral Oil	Liquid	Petroleum HC		4	4	4	1	3
Mineral Spirits	Liquid	Aliphatic HC		4	4	4	2	3
Motor Oil 10w-30 (natural)	Liquid	Paraffin Oil		4	4	4	1	2
Motor Oil 10w-30 (synthetic)	Liquid	Paraffin Oil		4	4	4	1	2
Napathenic	Liquid	Aromatic HC		4	4	4	1	1
Naptha	Liquid	Aromatic HC		4	4	4	1	2
Nitric Acid	Liquid	Acid (strong)	20%	4	4	4	4	2
Nitric Acid	Liquid		Concentrated	4	4	4	4	2
Nitrobenzene	Liquid	Aromatic HC		4	4	4	4	4
Octane	Liquid	Aliphatic HC		4	4	4	1	2
Oleic Acid	Liquid	Acid		4	4	4	2	3
Oxalic Acid	Liquid	Acid (weak)		2	2	2	2	2
Peanut Oil	Liquid	Fatty Acid		4	4	4	2	1
Pentane	Liquid	Aliphatic HC		4	4	4	1	2
Perchloroethylene	Liquid	Aliphatic HC (chlorinated)		4	4	4	2	3
Petroleum	Liquid	Aliphatic HC		4	4	4	1	2
Phosphoric Acid	Liquid	Acid (weak)		2	2	2	3	3
Pine Oil	Liquid	Turpene/Alcohol/Ether	100%	4	4	4	3	4
Pine Oil	Liquid		20%=Pine-Sol	3	3	3	2	3
Potassium Hydroxide	Liquid	Base (strong)	50%	2	2	2	2	1
Power Steering Fluid	Liquid	Napathenic Oil		4	4	4	1	2
Propane	Liquid	Aliphatic HC		4	4	4	1	1
Propyl Alcohol (propanol)	Liquid	Alcohol		1	1	1	1	2
Propylene Dichloride	Liquid	Aliphatic HC		4	4	4	4	4
Salt Water	Liquid			1	1	1	1	1
Silicates	Solid	Alkali Metals		1	1	1	1	1
Silver Nitrate	Solid	Inorganic Salt		1	1	1	2	1
Sodium Bicarbonate	Solid	Inorganic Salt		1	1	1	1	1
Sodium Hydroxide	Liquid	Base (strong)		2	2	2	2	2
Sodium Hydroxide	Liquid		0.34% = Mr. Clean	1	1	1	1	1
Sodium Hypochlorite (bleach)	Liquid	Base		1	1	1	1	1
Stearic Acid	Liquid	Fatty Acid		3	3	3	1	2
Styrene	Liquid	Aromatic HC		4	4	4	4	4
Sulfuric Acid	Liquid	Acid (strong)	<10%	2	2	2	2	1
Sulfuric Acid	Liquid		10-75%	3	3	3	4	1
Sulfuric Acid	Liquid		Concentrated	4	4	4	4	4
Tetrahydrofuran (THF)	Liquid	Ether		4	4	4	4	4
Toluene (methyl benzene)	Liquid	Aromatic HC		4	4	4	3	4
Transmission Fluid	Liquid	Napathenic or Paraffin Oil		4	4	4	1	2
Trinitrobenzene	Liquid	Aromatic HC		4	4	4	4	4
Turpentine	Liquid	Aliphatic HC		4	4	4	1	4
Vegetable Oil	Liquid	Aliphatic HC		4	4	4	1	2
Vinegar	Liquid	Acid (weak, organic)	5% Acetic Acid	3	3	3	1	1
Xylene	Liquid	Aromatic HC		4	4	4	4	4