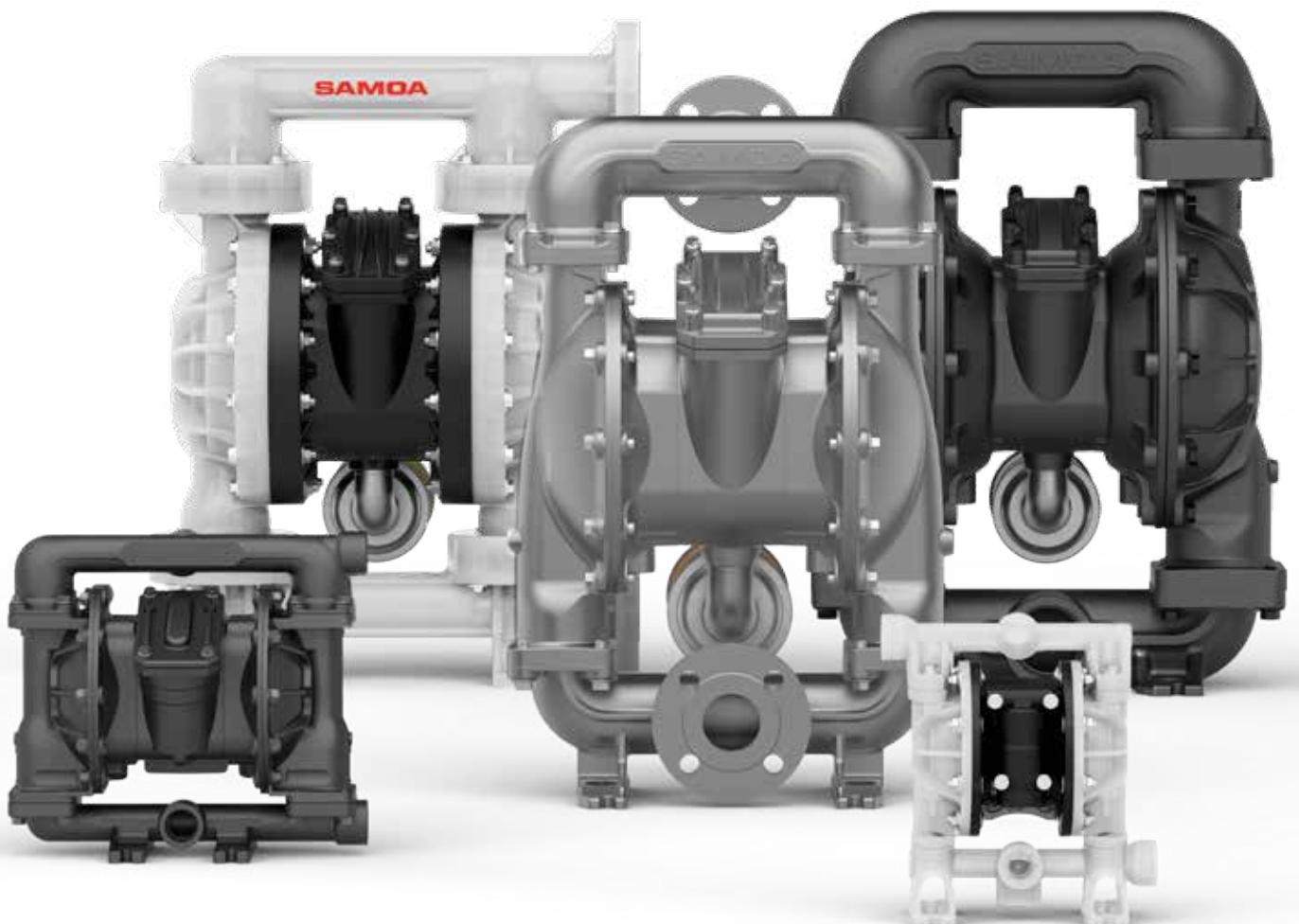


CHEMICAL COMPATIBILITY GUIDE



CHEMICAL COMPATIBILITY GUIDE

The following information has been compiled from material suppliers and manufacturers and is intended as a general guideline for pump material selection. While the compatibility listings and chemical resistance guide have been cross-checked using reliable sources, their accuracy cannot be guaranteed, and they should be considered as an additional reference rather than a definitive resource.

- Users are responsible for testing materials under their own operating conditions to determine the suitability of any compound or material for a specific application.
- All materials used in pumps and pumping systems must be chemically compatible with the fluids being handled.
- The provided data assumes a temperature of 70 °F (21 °C) unless stated otherwise. Temperature variations may accelerate chemical reactions and affect material compatibility.
- If chemical compatibility is uncertain, it is advisable to test a sample of the material with the chemical in question.
- Two fluids independently compatible with a material, may vary rate compatibility when combined.

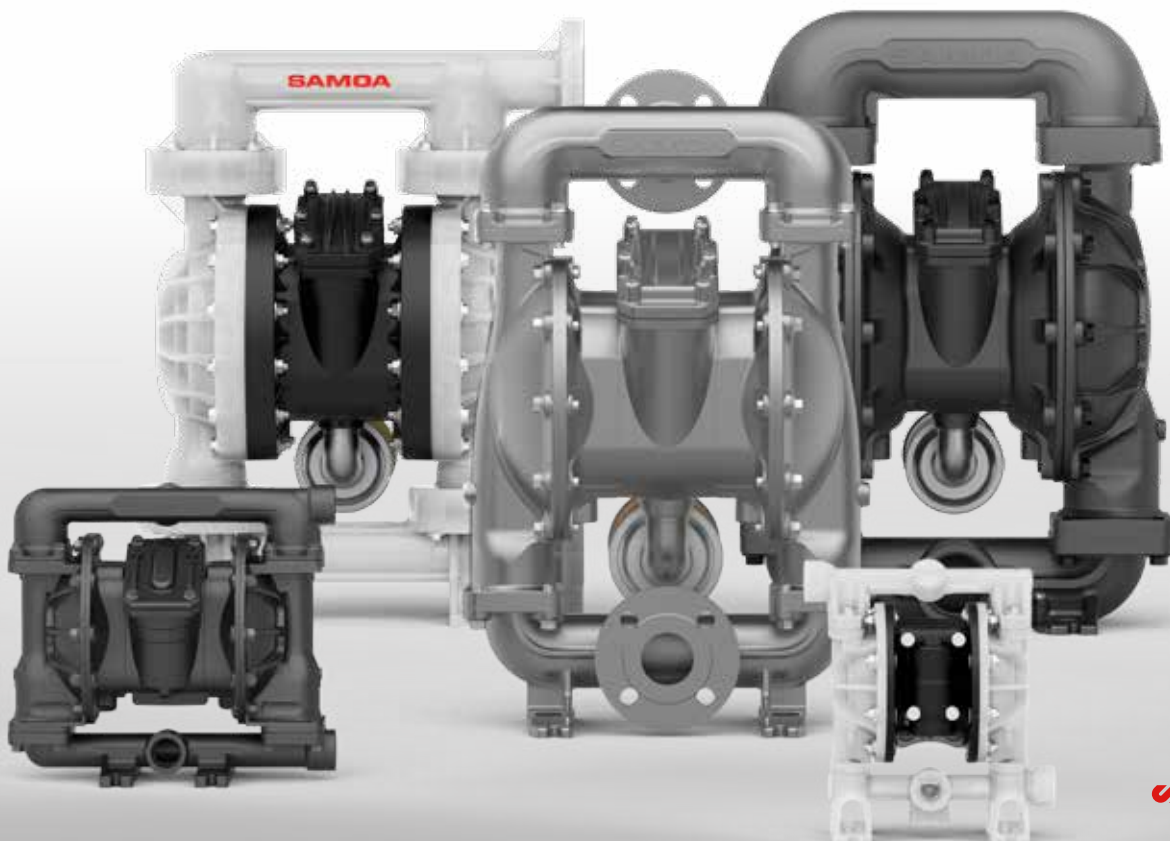
The lifespan of wet components depend not only on their chemical compatibility with the process fluid but also on various process conditions. Factors such as fluid abrasiveness or temperature, pump medium, and lift conditions all influence components performance and lifespan. For optimal results, consult an authorized SAMOA distributor to select the most suitable wet components material for your application.

RATINGS

- A:** Minor effect
- B:** Minor to moderate effect
- C:** Moderate to severe effect
- D:** Not recommended
- :** Insufficient information



The number in cell is the temperature in °C
The accuracy of these ratings cannot be guaranteed.



MATERIAL	METALS				PLASTICS			ELASTOMERS				
	ALUMINIUM	DUCTILE IRON	STAINLESS STEEL	HASTELLOY®	POLYPROPYLENE	ACETAL	PVDF (Kynar®)	NBR (Buna-N)	TPV (Santoprene®)	PTFE (Teflon®)	TPE (Hytel®)	FKM (Viton®)
ACETALDEHYDE (ETHANOL)	B	A	A	A	C	A	D	D	B	A	B	D
ACETAMIDE (ETHANAMIDE)	A	A	A	A	A/21	A	A/24	A	A	A	D	A
ACETATE SOLVENTS	A	D	A	A	B	A/21	A/21	D	B	A	D	D
ACETIC ACID	B	D	A	A	B	D	A	C	B	A	D	C
ACETIC ANHYDRIDE	B	D	A	A	C	D	D	D	A	A	C	D
ACETONE	A	A	A	A	D	B	D	D	B	A	C	D
ACETONE CYANOHYDRIN	B	B	-	-	-	-	-	D	A	A	-	-
ACETONITRILE (METHYL CYANIDE)	A	A	A	B	B/21	-	A/49	D	A/21	A	-	D
ACETOPHENONE	B	A	B	B	C	-	B	D	B	A	-	D
ACETOPHENONE (ACETYL BENZENE)	B	A	A	B	B/21	-	A/21	D	B	A	-	D
ACETYL ACETONE	D	A	A	-	-	-	-	D	-	A	-	D
ACETYL CHLORIDE	D	A	B	A	D	-	A/49	D	B/21	A	D	B
ACETYL SALLICYLIC ACID (ASPIRIN)	D	B	B	-	-	-	-	-	C	A	-	A
ACETYLENE	A	A	A	A	D	A	A	A	-	A	A	A
ACETYLENE TETRABROMIDE	D	A	-	-	-	-	-	D	D	A	-	-
ACROLEIN (ACRYALDETHYDE)	B	B	B	-	-	-	-	-	A	A	D	B
ACRYLONITRILE (VINYL CYANIDE)	A	A	A	A	B	-	A/21	D	D	A	D	C
ADIPIC ACID	B	B	B	A	A	A/21	A	B	B	A	D	A
AERO LUBRIPLATE	A	A	A	A	A	A	A	A	C	A	D	A
AEROSAFE 1AC	-	-	-	-	-	A	-	A	-	A	-	A
AEROSAFE 2300	A	A	A	-	-	A	-	D	B	A	A	D
AEROSAFE 2300F	A	A	A	-	-	-	-	-	-	-	-	-
AEROSAFE 2300W	A	A	A	-	-	A	-	D	B	A	A	D
AEROSHELL 17 GREASE	A	A	A	-	-	A	-	A	D	A	D	A
AEROSHELL 1AC	A	A	A	A	A	A	B	A	D	A	D	A
AEROSHELL 750	A	A	A	A	-	A	-	C	D	A	D	A
AEROSHELL 7A GREASE	A	A	A	-	-	A	-	A	D	A	D	A
ALCOHOL AMYL (1-PENTANOL)	B/21	B	A	A	A	A	A	B	A	A	A	B
ALCOHOL BENZYL (PHENOL CARBINOL)	B/21	A	A	A	A/21	A/21	A	D	A	A	D	A
ALCOHOL BUTYL (BUTANOL)	B	B	A	A	B	A	A	B	A	A	D	A
ALCOHOL DIACETONE (TYRANTON)	B	B	A	A	B	A	A/21	D	C	A	D	D
ALCOHOL ETHYL (ETHANOL)	B/93	A	A	A	A	A	A	A	B	A	A	A
ALCOHOL HEXYL (1-HEXANOL)	A	A	A	A	A/21	A	A	A	B	A	D	A
ALCOHOL ISOBUTYL (2-METHYL-1-PROPANOL)	B	C	A	A	A/21	A	A	C	A	A	B	A
ALCOHOL ISOPROPYL (2-PROPANOL)	B	C	A	A	A	A	A/66	C	B	A	A	A
ALCOHOL METHYL (METHANOL)	B	A	A	A	A/49	A	A	A	A	A	A	D
ALCOHOL OCTYL (CAPRYLIC ALCOHOL)	A	A	A	A	-	A	-	-	B	A	D	A
ALCOHOL PROPYL (PROPANOL)	A	A	A	A	A	A	A/49	A	A	A	D	A
ALCOHOLS R-OH	-	-	-	A	A	A	A	-	-	-	-	-
ALKAZENE	-	-	-	-	-	-	-	D	D	A	D	A
ALLYL ALCOHOL	B	A	A	A	A	-	A	A	A	A	D	B
ALLYL BROMIDE	D	A	-	-	-	-	-	D	-	A	D	B
ALLYL CHLORIDE	D	C	B	-	A	-	A	C	-	A	D	B
ALMOND OIL (ARTIFICIAL)	-	-	-	-	D	-	-	D	C	A	D	D
ALUM (ALUM POTASIUUM SULFATE)	C	D	B	B	A	A	A	A	A	A	D	A
ALUMINUM ACETATE (BURROW'S SOLUTION)	A	D	B	B	A	A	-	-	A	A	-	D
ALUMINUM AMMONIUM SULFATE	-	-	-	-	A	-	A	A	B	A	-	A
ALUMINUM BROMIDE	-	-	-	-	-	-	A	B	B	A	D	A

MATERIAL	METALS				PLASTICS			ELASTOMERS				
	ALUMINIUM	DUCTILE IRON	STAINLESS STEEL	HASTELLOY®	POLYPROPYLENE	ACETAL	PVDF (Kynar®)	NBR (Buna-N)	TPV (Santoprene®)	PTFE (Teflon®)	TPE (Hytel®)	FKM (Viton®)
ALUMINUM CHLORIDE	B	D	C	A	A	B	A	A	A	A	B	A
ALUMINUM CHLOROHYDROXIDE	D	D	-	-	-	-	-	-	-	A	-	-
ALUMINUM FLUORIDE	B	D	A	B	A	D	A	B	A	A	-	A
ALUMINUM HYDROXIDE	A	D	A	B	A	A	A	A	A	A	D	A
ALUMINUM NITRATE	B	D	A	B	A	B	A	A	A	A	-	A
ALUMINUM PHOSPHATE	-	-	A	-	A	A	A	A	A	A	-	A
ALUMINUM POTASSIUM SULFATE	C	D	B	B	A	A	A	A	A	A	D	A
ALUMINUM SULFATE (SULPHATE)	A	D	A	A	A	B/21	A	A	A	A	B	A
AMINES	A	D	A	B	B/49	C/21	-	D	A	A	D	D
AMINOETHANOL	-	-	-	-	A	D	C	-	-	A	-	-
AMMONIA LIQUIDS	D	A	A	B	A/21	D	A	B	A	A	-	D
AMMONIA NITRATE	C	A	A	B	A	B/21	A	A	A	A	-	D
AMMONIA, ANHYDROUS	A/21	A	A	A	A/21	D	D	B	A	A	D	D
AMMONIA, GAS, COLD	-	-	-	-	B	A	D	B	A	A	D	D
AMMONIUM ACETATE	B	A	-	-	A	C	-	A	A	A	D	A
AMMONIUM BICARBONATE	-	-	-	-	-	-	-	B	A	A	-	D
AMMONIUM BIFLUORIDE	-	D	-	-	A	-	A	A	A	A	-	A
AMMONIUM CARBONATE	B	B	B	B	A	D	A	C	A	A	-	A
AMMONIUM CASENITE	-	-	A	-	-	A	-	-	A	A	-	-
AMMONIUM CHLORIDE	C	D	C	A	A	A	A	B	A	A	A/21	A
AMMONIUM DICHROMATE	A	A	-	-	-	-	-	B	A	A	-	-
AMMONIUM DIPHOSPHATE	-	-	-	-	-	-	-	-	A	A	D	A
AMMONIUM FLORIDE	D	D	D	A	A	-	A	B	B	A	-	A
AMMONIUM HYDROXIDE	B	B	B	A	A	B	A	B	A	A	B	B
AMMONIUM METAPHOSPHATE	B	B	-	A	A	-	A	A	-	A	-	-
AMMONIUM NITRATE	B	A	A	A	A	B	A	A	A	A	-	A
AMMONIUM NITRITE	-	-	A	-	A/21	-	A	A	A	A	-	A
AMMONIUM OXALATE - 5%	-	D	A	A	-	B	-	B	A	A	-	-
AMMONIUM PERSULFATE	C	D	A	A	A	-	A	D	A	A	-	A
AMMONIUM PHOSPHATE, DIBASIC	B	D	A	A	A	B	A	A	A	A	B	A
AMMONIUM PHOSPHATE, MONOBASIC	B	D	C	B	A	B	-	A	A	A	B/22	A
AMMONIUM PHOSPHATE, TRIBASIC	B	D	B	B	A	B	-	A	A	A	-	A
AMMONIUM SULFAMATE	-	-	-	-	-	-	-	A	A	A	B	A
AMMONIUM SULFATE	B	C	A	B	A	A	A	A	A	A	B	A
AMMONIUM SULFIDE	-	-	-	-	-	-	-	-	-	A	-	D
AMMONIUM SULFITE	C	D	B	A	A	D	-	A	A	A	-	A
AMMONIUM SULPHATE 1% - 5%	B	C	A	B	A	A	A	A	-	A	C	D
AMMONIUM THIOCYANATE	C	C	A	A	-	-	A	-	-	A	-	A
AMMONIUM THIOPHOSPHATE	-	-	-	-	-	-	-	A	A	A	D	A
AMMONIUM THIOSULFATE	A	D	A	-	-	B	-	A	A	A	-	A
AMYL ACETATE (BANANA OIL)	B	-	A	B	B	D	A/49	D	D	A	C	D
AMYL ALCOHOL	B	C	A	B	B	A	A	B	A	A	A	A
AMYL BORATE	-	-	-	-	-	-	-	-	B	A	-	A
AMYL CHLORANAPHTHALENE	-	-	-	-	-	-	-	C	C	A	-	A
AMYL CHLORIDE (CHLOROPENTANE)	D	A	A	B	D	A	A	D	C	A	D	A
AMYL NAPHTHALENE	-	-	-	-	-	-	-	D	C	A	D	A
AMYL PHENOL	A	A	A	A	-	-	-	-	C	A	-	A
AN-0-3 GRADE M	-	-	-	-	-	-	-	B	B	A	D	A

MATERIAL	METALS				PLASTICS			ELASTOMERS				
	ALUMINIUM	DUCTILE IRON	STAINLESS STEEL	HASTELLOY®	POLYPROPYLENE	ACETAL	PVDF (Kynar®)	NBR (Buna-N)	TPV (Santoprene®)	PTFE (Teflon®)	TPE (Hytre®)	FKM (Viton®)
AN-0-366	-	-	-	-	-	-	-	B	-	A	D	A
AN-0-6	-	-	-	-	-	-	-	B	-	A	D	A
ANDEROL, L-774 (DI-ESTER)	-	-	-	-	-	-	-	-	-	A	-	A
ANDEROL, L-826 (DI-ESTER)	-	-	-	-	-	-	-	D	D	A	D	A
ANDEROL, L-829 (DI-ESTER)	-	-	-	-	-	-	-	D	D	A	D	A
ANG-25 (DI-ESTER BASE) (TG7449)	-	-	-	-	-	-	-	D	D	A	-	A
ANG-25 (GLYCERAL ESTER)	-	-	-	-	-	-	-	D	-	A	-	A
ANHYDROUS AMMONIA	B	D	A	A	A/21	D	D	B	A	A	D	D
ANHYDROUS HYDRAZINE	-	-	-	-	-	-	-	D	-	A	-	D
ANHYDROUS HYDROGEN FLUORIDE	-	-	-	-	-	-	-	D	C	A	-	D
ANILINE	C	C	A	B	A	A/21	A/21	D	A	A	C	D
ANILINE DYES	B	A	B	-	-	D	-	D	B	A	D	A
ANILINE HYDROCHLORIDE	D	D	D	-	D	-	A/38	D	A	A	-	B
ANILINE OIL	B	A	A	B	-	-	-	D	C	A	D	C
ANILINE SULFITE	-	-	C	-	-	-	-	-	-	-	-	-
ANIMAL FATS	A	A	A	A	A	A	A	A	B	A	B	A
ANIMAL GELATIN	-	-	A	-	-	-	-	B	B	A	-	A
ANIMAL OIL (LARD OIL)	A	A	A	A	A	A	A	B	B	A	B	A
ANISOLE (METHYLPHENYL ETHER)	B	B	-	B	-	-	-	-	-	A	-	-
ANSUL ETHER 161 OR 181	-	-	-	-	-	-	-	D	D	A	D	D
ANTHAQUINONE	B	B	B	A	-	-	-	D	D	A	D	D
ANTI-FREEZE (ETHYLENE GLYCOL)	B	B	A	A	A	B	A	A	A	A	A/21	A
ANTIMONY CHLORIDE	B	A	A	A	A	-	A	B	A	A	D	B
ANTIMONY PENTACHLORIDE	A	A	-	A	-	-	-	D	-	A	-	-
ANTIMONY TRICHLORIDE	B	A	A	B	A	-	A	-	A	A	D	A
AN-VV-0-366B HYDR. FLUID	-	-	-	-	-	-	-	D	D	A	D	A
AQUA REGIA (20% NITRIC, 80% HCL)	D	D	D	C	B/21	D	A/21	D	D	A	D	A/21
ARGON	-	-	-	-	-	-	-	A	A	A	A	A
AROCLOR	A	B	A	A	D	-	-	D	D	A	C	A
AROMATIC FUEL 50%	-	-	-	-	-	-	-	-	C	A	-	A
AROMATIC HYDROCARBONS	A	A	A	-	D	A	-	D	C	A	C/21	A
ARSENIC ACID	D	D	A	B	A	D	A	A	A	A	D	A
ARSENIC TRICHLORIDE	D	D	D	B	-	D	-	B	B	A	D	A
ASCORBIC ACID	A	D	A	-	-	-	-	-	-	A	-	-
ASKAREL	-	-	A	-	-	-	-	C	D	A	D	A
ASORBIC ACID	A	D	-	-	-	-	-	-	-	A	-	-
ASPHALT	A	B	A	-	A	B	A	B	B	A	B	A
ASPHALT EMUIION	B	A	A	A	-	-	A	B	B	A	B	A
ASPHALT HYDROCARBONS	A	B	-	-	A	B	A	B	B	A	-	-
ASPHALT TOPPING	A	A	A	A	D	D	D	B	B	A	B	A
ASTM #1 OIL (HIGH ANILINE)	A	A	-	A	-	A	-	A	C	A	A	A
ASTM #2 OIL (MEDIUM ANILINE)	A	A	-	A	-	A	-	A	C	A	A	A
ASTM #3 OIL (LOW ANILINE)	A	A	-	A	-	A	-	A	C	A	A	A
ASTM #4 OIL (HIGH ANILINE)	A	A	-	A	-	A	-	B	-	A	D	A
ASTM OIL, B	A	A	A	A	-	-	-	B	C	A	A	A
ASTM OIL, C	A	A	A	A	-	-	-	C	D	A	A	A
ASTM REFERENCE FUEL A	A	A	A	A	-	-	-	B	B	A	A	A
ASTM, MOTOR FUEL A (ALIPHATIC)	A	A	-	A	-	-	-	A	B	A	A	A

MATERIAL	METALS				PLASTICS			ELASTOMERS				
	ALUMINIUM	DUCTILE IRON	STAINLESS STEEL	HASTELLOY®	POLYPROPYLENE	ACETAL	PVDF (Kynar®)	NBR (Buna-N)	TPV (Santoprene®)	PTFE (Teflon®)	TPE (Hytel®)	FKM (Viton®)
ASTM, MOTOR FUEL B (30% AROMATIC)	A	A	-	A	-	-	-	A	C	A	A	A
ASTM, MOTOR FUEL C (50% AROMATIC)	A	A	-	A	-	-	-	B	C	A	A	A
ATLANTIC DOMINION F	-	-	-	-	-	-	-	-	C	A	D	A
AUREX 903R (MOBILE)	-	-	-	-	-	-	-	-	-	A	D	A
AUTOMATIC BRAKE FLUID	A	A	A	-	-	A	-	D	C	A	-	D
AUTOMATIC TRANSMISSION FLUID	A	A	A	A	-	A	-	-	D	A	A	A
AVIATION GASOLINE, MIL.	A	A	A	A	-	-	-	B	-	A	D	A
BARBEQUE SAUCE	-	D	A	-	-	-	-	A	-	A	-	-
BARDOL B	-	-	-	-	-	-	-	D	D	A	D	A
BARIUM CARBONATE	D	A	A	A	A	A	A	A	A	A	-	A
BARIUM CHLORIDE	D	D	B	A	A	A	A	A	A	A	-	A
BARIUM CYANIDE	C	B	A	-	D	B	-	D	A	A	-	A
BARIUM HYDROXIDE (BARIUM HYDRATE)	D	B	A	B	A	D	A	A	A	A	B	A
BARIUM NITRATE	B	A	A	A	A	B	A	A	A	A	-	A
BARIUM SULFATE	D	B	A	A	A	B	A	A	A	A	D	A
BARIUM SULFIDE	D	D	B	A	A	A	A	A	A	A	-	A
BAYOL 35	-	-	-	-	-	-	-	D	D	A	-	A
BAYOL D	-	-	-	-	-	-	-	D	D	A	-	A
BEEF EXTRACT	-	D	A	-	-	-	-	A	A	A	-	A
BEER	A	D	A	A/22	A/22	A/22	A	A	A	A	A/22	A
BEET SUGAR LIQUIDS	A	A	A	-	A/22	B	A	A	-	A/22	-	A
BEET SUGAR LIQUORS	A	B	A	-	-	A	-	A	A	A	-	A
BENZALDEHYDE	A	A	A	A	D	A	A/21	D	D	A	B	D
BENZENE (BENZOL)	B	B	B	A	B	A	A	C	C	A	B	B
BENZENE SULFONIC ACID	D	D	B	B	B/21	C	A	D	A	A	-	B
BENZOIC ACID	B	D	B	B	A	B	A	D	A	A	D	A
BENZOL (BENZENE)	B	B	A	A	D	A	A/21	D	C	A	B	B
BENZONITRILE	-	-	D	C	-	-	-	-	-	A	-	-
BENZYL ACETATE	A	A	A	B	-	-	-	-	-	A	D	D
BENZYL ALCOHOL (Phenylcarbinol)	A	A	A	B	A	-	A	D	D	A	C	A
BENZYL BENZOATE	A	B	B	B	-	-	-	-	C	A	D	A
BENZYL CHLORIDE (CHLOROTOLUENE)	D	D	B	A	D	A	A	D	C	A	D	A
BENZYL DICHLORIDE (BENZAL CHLORIDE)	D	B	-	B	-	-	-	D	-	A	-	-
BICHLORIDE OF MERCURY	-	-	-	-	-	-	-	B	B	A	-	A
BIPHENYL (DIPHENYL)	A	A	-	-	-	-	-	D	D	A	-	A
BISMUTH SUBCARBONATE	-	-	-	-	-	-	-	-	D	A	D	-
BLACK POINT 77	-	-	B	-	-	-	-	-	-	A	-	A
BLACK SULPHATE LIQUOR	C	B	A	B	-	-	A/79	-	-	A	B	B
BLAST FURNACE GAS	-	-	-	-	-	D	-	-	A	A	B	A
BLEACH SOLUTIONS (WATER, CHLORINE)	D	D	B	B	B	D	A	D	B	A	C	B
BLEACHING POWDER (WET)	-	-	D	-	-	-	-	A	-	A	-	-
BLOOD (MEAT JUICES - COLD)	A	D	A	-	A	-	-	D	B	A	D	C
BORAX (SODIUM BORATE)	C	A	A	A	A	A	A	A	A	A	A	A
BORDEAUX MIXTURES	D	C	A	A	-	-	-	B	A	A	B	A
BORIC ACID	B	D	A	A	A	C	A	A	A	A	A/21	A
BORON FUELS (HEF)	-	-	-	-	-	-	-	C	D	A	D	A
BRAKE FLUID (NON-PETROLEUM)	A	A	A	A	D	-	-	D	A	A	D	D
BREWERY SLOP	-	A	A	-	-	-	-	-	A	A	D	A

MATERIAL	METALS				PLASTICS			ELASTOMERS				
	ALUMINIUM	DUCTILE IRON	STAINLESS STEEL	HASTELLOY®	POLYPROPYLENE	ACETAL	PVDF (Kynar®)	NBR (Buna-N)	TPV (Santoprene®)	PTFE (Teflon®)	TPE (Hytel®)	FKM (Viton®)
BRINE (SODIUM CHLORIDE)	C	D	A	A	A/21	A	A	A	A	A	B	A
BROMINE	D	D	D	A	B/22	D	A/66	D	C	A	D	A
BROMINE - ANHYDROUS	D	D	D	A	D	D	A/66	D	C	A	D	A
BROMINE - PENTAFLUORIDE	-	-	-	-	-	-	-	D	D	A	-	D
BROMINE - TRIFLORIDE	D	D	B	-	D	D	-	D	C	A	D	D
BROMINE WATER	D	D	B	-	D	D	A	D	B	A	D	B
BROMOBENZENE	D	B	B	B	D	D	A	D	D	A	D	B
BROMOCHLORO TRIFLUOROETHANE	-	-	-	-	-	-	-	-	D	A	-	A
BROMOCHLOROMETHANE	D	B	B	B	-	-	-	-	-	A	-	C
BROMOTOLUENE	D	A	A	A	-	-	-	-	-	A	-	B
BRONZING LIQUID	-	-	A	A	-	-	-	-	A	A	-	D
BUNKER OIL	A	A	A	A	-	-	-	B	B	A	D	A
BUTADIENE (MONOMER)	A	A	A	-	D	A	A	D	D	A	D	B
BUTANE (LPG) (BUTYL HYDRIDE)	A	A	A	A	B	A	A	A	D	A	A	A
BUTANOL (BUTYL ALCOHOL)	B	B	A	A	B	A	A	B	B	A	B	A
BUTRALDEHYDE	-	-	-	-	D	-	B	D	-	A	-	D
BUTTER	A	D	A	-	A	A	A	A	B	A	B	A
BUTTERMILK	A	D	A	A	A	A	A	A	A	A	-	A
BUTYL ACETATE	A	A	A	A	B/21	B	A	B	B	A	C	D
BUTYL ACETYL RICINOLEATE	A	A	A	A	-	-	-	D	B	A	-	A/21
BUTYL ACRYLATE	-	-	-	-	D	A	A/21	D	C	A	D	D
BUTYL ALCOHOL (BUTANOL)	A	B	A	A	A/21	-	A	A	A	A	B	A
BUTYL AMINE (AMINOBUTANE)	A	A	A	B	B	C	B/21	B	A	A	D	D
BUTYL BENZOATE	B	B	B	B	-	A	-	-	C	A	-	A
BUTYL BROMIDE	-	-	-	-	-	-	A	D	-	A	-	-
BUTYL BUTYRATE	A	A	A	A	-	-	-	-	C	A	D	-
BUTYL CARBITOL	-	-	-	-	-	A	-	D	B	A	-	C
BUTYL CELLOSOLVE	-	-	-	-	-	A	B	D	A	A	-	D
BUTYL CHLORIDE (CHLOROBUTANE)	A/21	A	A	A	D	-	A	D	D	A	-	A
BUTYL ETHER (DIBUTYL ETHER)	A	A	A	-	D	-	A/38	-	C	A	-	C
BUTYL OLEATE	-	-	-	-	-	A	-	D	C	A	-	A
BUTYL PHTHALATE	B/49	-	B/49	B/49	B/49	-	B/22	D	-	A/49	-	C/22
BUTYL STEARATE	B	B	B	B	-	A	A/38	C	C	A/21	-	A
BUTYLENE (BUTENE)	A	-	A	-	B	A	A	C	C	A	B	A
BUTYRALDEHYDE	A	A	A	A	D	A	B	D	C	A	D	D
BUTYRIC ACID	A	D	B	A	A	D	A	D	A	A	B	B
BUTYRIC ANHYDRIDE	A	A	A	A	-	-	-	-	A	A	-	-
BUTYRONITRILE	-	-	-	-	-	-	-	-	-	A	D	C
CADMIUM SULFATE (25% CONCENTRATION)	-	-	-	-	-	-	-	-	-	A	D	-
CALCIUM ACETATE (HYDRATE)	C	C	B	B	-	-	-	-	-	A	D	D
CALCIUM ACID SULPHATE	-	-	-	-	-	-	-	-	-	A	-	D
CALCIUM BISULFIDE	C	D	B	A	A	A	A	A	D	A	B	A
CALCIUM BISULFITE	D	D	A	A	A	D	A	A	D	A	D	A
CALCIUM BISULPHATE	-	-	-	-	-	-	-	A	-	A	-	A
CALCIUM CARBONATE (CHALK)	C	B	A	A	A	A	A	A	A	A	-	A
CALCIUM CHLORATE	B	B	B	B	A	-	A	A	A	A	-	A
CALCIUM CHLORIDE (BRINE)	C	C	C	A	A	D	A	A	A	A	A	A
CALCIUM HYDROSULFIDE (CAL. SULFHYDRATE)	-	-	-	-	-	-	-	-	A	A	-	A

MATERIAL	METALS				PLASTICS			ELASTOMERS				
	ALUMINIUM	DUCTILE IRON	STAINLESS STEEL	HASTELLOY®	POLYPROPYLENE	ACETAL	PVDF (Kynar®)	NBR (Buna-N)	TPV (Santoprene®)	PTFE (Teflon®)	TPE (Hytel®)	FKM (Viton®)
CALCIUM HYDROXIDE	C	A	A	A	A	A/66	A	A	A	A	B	A
CALCIUM HYPOCHLORITE	C	D	A	A	A	A	A	C	A	A	B	A
CALCIUM NITRATE	B	C	B	B	A	D	A	C	A	A	-	A
CALCIUM OXIDE (UNSLAKED LIME)	A	A	A	A	-	-	-	A	A	A	B	A
CALCIUM SILICATE	A	B	A	A	-	-	-	-	-	A	-	A
CALCIUM SULFATE (GYPSUM)	B	A	A	B	A	D	A	A	A	A	-	A
CALCIUM SULFIDE	A	B	B	A	A/49	-	A	A	A	A	-	A
CALCIUM SULFITE	B	B	A	-	-	-	-	B	A	A	-	A
CALCIUM THIOSULFATE	-	-	-	-	-	-	-	C	A	A	D	A
CALGON	-	D	A	-	A	A	-	A	A	A	D	A
CANE JUICE	B	A	A	-	B/22	A	B	B	A	A	-	A
CANE SUGAR LIQUORS	A	B	A	-	A	-	A	A	A	A	B	A
CAPROIC ALDEHYDE	-	-	-	-	-	-	-	-	-	A	-	D
CAPRYL ALCOHOL (OCTANOL)	A	A	A	A	-	-	-	B	A	A	-	B
CAPRYLIC ACID (OCTANOIC ACID)	A	-	A	A	-	-	A	C	A	A	-	A
CARBAMATE	-	-	-	-	-	-	-	D	A	A	-	A
CARBITOL	B	B	B	-	C	-	A	C	B	A	-	A
CARBOLIC ACID (PHENOL)	B	D	A	A	B	D	A/21	D	A	A	D	A
CARBON BISULFIDE	A	B	B	B	D	B	A	D	D	A	B	A
CARBON DIOXIDE	A	D	A	A	A	A	A	B	A	A	C	B
CARBON DISULFIDE	A	B	B	B	D	B	A/21	D	D	A	C	A
CARBON MONOXIDE	A	A	A	A	A	B	A	A	A	A	A	A
CARBON TETRACHLORIDE - PURE	D	C	A	A	B/21	A	A	D	D	A	D	A
CARBONATED BEVERAGES	C	D	A	A	A	-	A	A	A	A	-	A
CARBONIC ACID	D	B	A	-	A	A	A	B	A	A	C	A
CASEIN	B	-	B	B	-	-	-	-	A	A	-	A
CASING HEAD GAS	-	-	-	-	-	-	-	-	-	A	-	-
CASTOR OIL	A	B	A	A	-	-	-	B	B	A	C	A
CATSUP (KETCHUP)	D	D	A	A	A	B	-	A	A	A	-	A
CELLOSOLVE (GLYCOL ETHERS)	B	B	B	A	A	A	A	D	C	A	D	D
CELLOSOLVE, ACETATE	B	B	A	A	A	A	A/49	D	A	A	D	D
CELLOSOLVE, BUTYL	-	-	-	-	-	A	B	D	C	A	D	D
CELLUGUARD	-	-	-	-	-	-	-	B	B	A	-	B
CELLULOSE ACETATE	B	B	-	A	-	-	-	B	-	A	-	-
CELLULUBE	-	-	-	-	-	A	-	D	D	A	-	A
CELLUTHERM 2505A	-	-	-	-	-	-	-	C	D	A	D	A
CETANE (HEXADECANE)	-	-	-	-	-	-	-	B	D	A	D	A
CHINA WOOD OIL (TUNG OIL)	A	A	A	A	A	A	A	B	B	A	B	A
CHLORACETALDEHYDE	-	-	-	-	-	-	-	-	-	A	-	D
CHLORACETIC ACID	D	D	A/22	A/22	C/22	D	A/22	D	D	A	D	D
CHLORATE OF LIME	-	-	-	-	-	-	-	D	D	A	D	A
CHLORBENZOL (CONC. PURE)	-	-	-	-	-	-	-	D	D	A	-	D
CHLOREXTOL	-	-	-	-	-	-	-	-	-	A	-	A
CHLORIC ACID	D	D	D	A	A	D	A	-	-	A	-	-
CHLORINATED GLUE	-	D	A	-	-	D	-	B	C	-	-	A
CHLORINATED LIME - 35% (BLEACH)	D	D	A	A	B	D	A	C	A	A	C	A
CHLORINATED WATER - SATURATED	C	-	B	A	B	D	A	D	D	A	D	A
CHLORINE DIOXIDE	D	D	D	A	D	-	A	D	D	A	D	B

MATERIAL	METALS				PLASTICS			ELASTOMERS				
	ALUMINIUM	DUCTILE IRON	STAINLESS STEEL	HASTELLOY®	POLYPROPYLENE	ACETAL	PVDF (Kynar®)	NBR (Buna-N)	TPV (Santoprene®)	PTFE (Teflon®)	TPE (Hytel®)	FKM (Viton®)
CHLORINE TRIFLUORIDE	D	D	A	-	D	-	-	D	D	A	-	D
CHLORINE, ANHYDROUS LIQUID	D	D	D	A	D	D	A	D	D	A	D	A
CHLORINE, DRY	D	D	D	A	B	D	A	D	C	A	D	A/21
CHLORINE, WET	D	B	B	A	D	D	A	D	C	A	D	A
CHLOROACETIC ACID	-	-	-	-	-	-	-	C	D	A	-	D
CHLOROACETONE	D	B	B	B	D	B	-	D	C	A	D	B
CHLOROBENZENE (MONO)	D	B/21	B	A	B	A	A/21	C	C	A	D	A
CHLOROBROMO METHANE	D	B	B	-	D	B	-	D	D	A	D	A
CHLOROBUTADIENE	D	B	A	B	D	-	-	D	C	A	D	A
CHLORODANE	-	-	-	-	-	-	-	D	C	A	D	A
CHLORODODECANE	D	D	-	-	D	-	-	D	D	A	D	A
CHLOROETHANOL	B	B	B	-	D	D	C	-	-	A	-	-
CHLOROFORM	D	D	A	B	D	A	A	C	C	A	C	A
CHLOROL 1 NITRO ETHANE	D	-	-	-	D	-	-	D	C	A	D	D
CHLORONAPHTHALENE	D	B	B	B	D	-	A	D	D	A	D	A
CHLOROPHENOL	C	C	B	A	-	B	B	-	C	A	-	B
CHLOROSULFONIC ACID (DRY)	D	D	D	B	C	D	C	C	C	A	C	C
CHLOROSULFONIC ACID (WET)	D	D	D	B	C	D	C	D	D	A	D	D
CHLOROTOLUENE	D	B	B	A	D	A	-	D	C	A	D	A
CHLOROTRIFLUOROETHYLENE	B	B	-	B	-	-	-	D	-	A	-	-
CHLORPHENOL	C	C	A	A	-	B	A	C	C	A	-	B
CHOCOLATE SYRUP	A	D	A	-	A/49	A	-	A	A	A	-	A
CHROMIC ACID 5%	C	D	A	A	A/21	D	A	D	A	A	D	A
CHROMIC ACID 50%	C	D	B	A	B/60	D	A	D	A	A	D	A
CHROMIUM ALUM	-	-	-	-	-	-	-	-	-	-	-	-
CIDER (APPLE JUICE)	B	D	A	A	-	A	-	B	A	A/50	D	A
CINNAMON OIL	-	D	A	-	-	-	-	-	C	A	-	-
CITRIC ACID 5% SOLUTION	C	D	A	A	A	C	A	A	A/21	A	B/21	A
CITRIC OILS	C	D	A	-	A	B	-	B	C	A	-	A
CITRUS PECTIN LIQUOR	-	-	A	-	-	-	-	B	-	A	B	C
CLORACETIC ACID	D	D	C	A	B	-	A	D	-	A	-	D
CLOROX® (BLEACH)	A	D	A	A	D	D	A	D	B	A	-	A
CLOVE OIL	-	D	A	-	-	-	-	-	C	A	-	-
COAL GAS	-	-	-	-	-	-	-	-	-	A	B	A
COAL TARS	-	-	-	A	C	D	-	D	D	A	D	A
COBALT CHLORIDE	D	D	-	-	A	-	-	A	A	A	-	A
COCA COLA SYRUP	-	-	-	-	-	-	-	B	A	A	-	B
COCONUT OIL (COCONUT BUTTER)	B	A	A	-	-	-	-	B	B	A	-	A
COD LIVER OIL	B	D	A	A	A	B	A	B	C	A	-	A
COFFEE	A	-	A	A	A	A	-	A	A	A	-	A
COKE OVEN GAS	-	-	-	-	-	-	A	D	B	A	-	A
COLICHE LIQUORS	-	-	-	-	-	-	-	B	B	A	-	-
CONVELEX 10	-	-	-	-	-	-	-	D	D	A	D	A
COOLANOL (MONSANTO)	D	D	C	B	-	A	A	B	D	-	-	A
COPPER ACETATE	D	D	C	B	-	A	A	-	A	A	D	D
COPPER CHLORIDE - 1%	D	D	D	B	A	A	A	A	A	A	A	A
COPPER CYANIDE	D	D	A	A	A	A	A	A	A	A	A	A
COPPER FLUOBORATE	D	D	D	B	-	B	-	-	A	A	A	A

MATERIAL	METALS				PLASTICS			ELASTOMERS				
	ALUMINIUM	DUCTILE IRON	STAINLESS STEEL	HASTELLOY®	POLYPROPYLENE	ACETAL	PVDF (Kynar®)	NBR (Buna-N)	TPV (Santoprene®)	PTFE (Teflon®)	TPE (Hytel®)	FKM (Viton®)
COPPER NITRATE	D	D	A	A	A	A	A	B	A	A	A	A
COPPER NITRITE	D	-	A	-	A	A	A	-	-	A	-	-
COPPER SULFATE - 5% SOLUTION	D	D	A	A	A	D	A	A	A	A	A	A
CORN OIL	B	C	B	-	A	-	A	B	D	A	A	A
COTTONSEED OIL	A	C	A	-	A	B	A	B	B	A	A/21	A
CREOSOLS	B	C	A	B	D	B	A/66	D	C	A	-	A
CREOSOTE, COAL TAR	B	B	B	B	D	D	-	D	D	A	D	A
CREOSOTE, WOOD	-	-	B	-	D	D	-	D	D	A	D	A
CRESYLIC ACID (CRESOL)	C	A	A	B	C	D	A/66	D	B	A	D	A
CROTONALDEHYDE	A	A	A	A	-	-	-	-	B	A	-	D
CRUDE OIL	A	A	A	B	B/66	D	A/49	C	C	A	B	A
CUMENE (ISOPROPHYLBENZENE)	B	B	B	B	-	-	-	D	D	A	-	A
CUPRIC ACID	D	-	B	A	A	-	-	B	-	A	-	A
CUPRIC CHLORIDE	D	D	B	-	B	D	B	-	-	A	-	-
CUTTING OIL (SULFUR BASE)	A	A	A	A	-	-	-	B	D	A	-	A
CUTTING OIL (WATER SOLUBLE)	A	A	A	A	-	-	-	C	D	A	-	A
CYANIC ACID	-	D	A	-	-	D	-	D	B	A	-	D
CYCLOHEXANE	A	B	A	B	C/21	A	A	A	C	A	A	A
CYCLOHEXANOL	C	B	B	A	B/21	A	A/66	C	D	A	-	A
CYCLOHEXANONE	B	B	B	B	D	A	B/21	D	D	A	D	D
DECALIN (DEKLIN)	-	-	-	-	B/49	-	A/79	D	C	A	-	A
DECANAL	-	-	-	-	-	-	-	-	D	A	-	D
DECANE	-	-	-	-	A/21	-	A	A	B	A	-	A
DECYL ALCOHOL (DECANOL)	-	-	-	-	-	-	-	-	-	A	-	B
DEGREASING FLUID (CHLORINATED)	-	-	-	-	-	-	-	D	D	A	-	A
DE-IONIZED WATER	A	C	A	A	A	-	A	A	A	A	A	A
DENATURED ALCOHOL	A	A	A	A	A	A	A	A	B	A	-	B
DETERGENT SOLUTIONS	A	A	A	-	A	A	A	B	B	A	B	A
DEVELOPING FLUIDS (PHOTO)	-	D	A	A	-	A	-	-	A	A	D	A
DEXTRON	-	-	-	-	-	-	-	C	D	A	-	A
DEXTROSE	A	D	A	A	A	-	A	A	A	A	B/60	A
DI- ESTER LUBRICANT MIL-L-7808	-	-	-	-	-	-	-	C	D	A	-	A
DIACETONE ALCOHOL (DIACETOL)	A	A	A	A	B	A	A/21	D	B	A	C	D
DIAMYLAMINE	-	-	-	-	-	-	-	-	B	A	-	D
DIAZINON	-	-	-	-	-	-	-	D	D	A	D	B
DIBASIC ESTER	-	-	-	-	B	B	-	-	-	B	-	D
DIBENZYL ETHER	B	B	B	B	-	-	C	-	C	A	-	C
DIBENZYL SEBACATE	-	-	-	-	-	-	-	D	C	A	-	B
DIBROMOETHYL BENZENE	-	-	-	-	-	-	-	D	C	A	-	A
DIBUTYL AMINE	-	-	-	-	D	-	B	D	C	A	-	B
DIBUTYL ETHER	-	-	-	-	-	-	-	D	B	A	-	C
DIBUTYL PHTHALATE	A	A	A	A	B	-	D	B	B	A	A	B
DIBUTYL SEBACATE	-	A	A	-	B/22	-	D	D	B	A	A	B
DICHLORETHANE	-	D	A	B	A	A	A/21	D	D	A	D	B
DICHLORO ISOPROPYL ETHER	D	-	-	-	D	-	-	D	D	A	D	C
DICHLOROACETIC ACID	-	-	-	-	-	-	-	-	B	A	-	D
DICHLOROBUTANE	D	B	B	-	-	-	-	-	-	A	-	A
DICHLORODIFLUORO METHANE	A	A	B	-	B	-	A	-	D	A	D	-

MATERIAL	METALS				PLASTICS			ELASTOMERS				
	ALUMINIUM	DUCTILE IRON	STAINLESS STEEL	HASTELLOY®	POLYPROPYLENE	ACETAL	PVDF (Kynar®)	NBR (Buna-N)	TPV (Santoprene®)	PTFE (Teflon®)	TPE (Hytel®)	FKM (Viton®)
DICHLOROETHYL ETHER	B	-	-	-	-	-	-	-	-	A	-	-
DICHLOROPENTHANE	-	-	-	-	-	-	-	D	D	A	-	A
DICYCLOHEXYLAMINE	-	-	-	-	-	-	-	D	B	A	-	D
DI METHYL FORMAMIDE	A	A	A	A	A/49	C	D	C	A	A	B	D
DI METHYL PHTHALATE	A	A	A	A	A	-	A/21	D	A	A	A	A
DIESEL FUEL	A	A	A	A	B/21	A	A	A	D	A	B	A
DIESEL OIL (FUEL ASTM #2)	A	A	A	A	B/21	A	A	B	D	A	B	A
DI-ESTER SYNTHETIC LUBRICANTS	A	A	A	A	-	-	-	D	D	A	D	A
DIETHANOL AMINE	A	A	A	A	A	-	-	D	-	A	D	D
DIETHYL AMINE	B	D	B	-	A	-	A/21	D	C	A	-	D
DIETHYL ANILINE	-	-	-	-	A	-	A	D	B	A	-	C
DIETHYL BENZENE	-	-	-	-	-	-	-	D	C	A	-	A
DIETHYL CARBONATE	-	-	-	-	-	-	-	D	D	A	-	A
DIETHYL ETHER	B	B	B	B	D	A	A/21	D	B	A	C	D
DIETHYL PHTHALATE (DEP)	A	A	A	A	-	-	-	B	A	A	A	C
DIETHYL SEBACATE	A	A	A	A	A/49	-	A/49	B	B	A	A	A
DIETHYL SULFATE	-	-	-	-	-	-	-	D	B	A	-	D
DIETHYLENE ETHER (DIOXANE)	A	A	A	-	-	-	-	D	D	A	-	-
DIETHYLENE GLYCOL	A	A	A	A	A	D	-	A	A	A	A	A
DIETHYLENE TRIAMINE	A	A	A	A	-	-	-	D	B	A	-	D
DIFLUORODIBROMOMETHANE	-	-	-	-	-	-	-	D	B	A	D	-
DIISOBUTYL KETONE	A	A	A	A	-	-	-	D	B	A	-	D
DIISOBUTYLENE	B	B	B	-	A/49	A	A	C	C	A	D	A
DIISODECYL ADIPATE (D10A)	-	-	-	-	-	-	-	-	-	A	-	C
DIISODECYL PHTHALATE (D10P)	-	-	-	-	-	-	-	-	-	A	-	C
DIISOOCTYL ADIPATE (D10A)	A	A	A	A	-	-	-	-	-	A	-	C
DIISOOCTYL PHTHALATE (D10P)	-	-	-	-	-	-	-	D	C	A	-	C
DIISOOCTYL SEBACATE	-	-	-	-	-	-	-	D	D	A	-	B
DIISOPROPYL AMINE	-	-	-	-	-	-	-	C	-	A	-	-
DIISOPROPYL BENZENE	-	-	-	-	-	A	-	D	C	A	D	A
DIISOPROPYL KETONE	-	-	A	-	-	A	A	D	C	A	-	D
DIMETHYL ANILINE	A	-	B/49	B	A	D	A/21	D	B	A	-	C
DIMETHYL ETHER	B	B	-	B	-	-	-	A	-	A	-	-
DIMETHYL FORMAMIDE	A	A	B	-	A	D	D	D	A	A	B	D
DIMETHYL PHTHALATE	A	-	B	-	B	-	B	D	B	A	A	C
DIMETHYL SULFATE	-	A	-	-	-	-	-	D	-	A	-	-
DIMETHYL SULFIDE	A	A	-	A	-	-	-	D	-	A	-	-
DIMETHYL SULFOXIDE	-	-	-	-	A	D	-	-	A	A	-	-
DIMETHYLANILINE	A	-	-	B	A	D	A/21	D	B	A	-	C
DINITROTOLUENE	-	-	A	-	-	-	C	D	B	A	-	C
DIOCTYL PHTHALATE	A	A	A	A	D	-	B	D	C	A	A	B
DIOCTYL SEBECATE	A	A	-	A	-	-	-	D	C	A	-	B
DIOXANE	A	A	A	-	C/49	-	-	D	D	A	-	D
DIOXOLANE	-	-	-	-	-	B	C	D	C	A	-	B
DIPENTENE	A	A	A	A	-	-	-	C	C	A	-	A
DIPHENYL	A	A	A	A	-	-	A/49	D	C	A	-	A
DIPHENYL ETHER	A	A	A	-	D	-	-	-	-	A	-	-
DIPHENYL OXIDES	B	A	A	B	-	D	A	D	C	A	-	A

MATERIAL	METALS				PLASTICS			ELASTOMERS				
	ALUMINIUM	DUCTILE IRON	STAINLESS STEEL	HASTELLOY®	POLYPROPYLENE	ACETAL	PVDF (Kynar®)	NBR (Buna-N)	TPV (Santoprene®)	PTFE (Teflon®)	TPE (Hytrel®)	FKM (Viton®)
DIPROPYL KETONE (BUTYRONE)	-	-	-	-	-	-	-	D	-	A	D	D
DIPROPYLAMINE	-	-	-	-	-	-	-	-	-	A	-	-
DIPROPYLENE GLYCOL	-	-	-	-	A	-	A	A	A	A	-	A
DISPERSING OIL #10	A	A	A	A	-	-	-	D	-	A	-	C
DIVINYL BENZENE (DVB)	-	-	-	-	-	-	-	D	D	A	-	A
DODECYL BENZENE (ALKANE)	A	A	A	-	-	-	-	D	-	A	-	A
DOW (SILICONES)	A	-	-	-	-	-	-	A	A	A	B	A
DOWTHERM A	C	B	A	-	B	-	-	D	D	A	B	A
DOWTHERM E	-	-	-	-	B	-	-	D	D	-	B	A
DRY CLEANING FLUID	A	A	A	-	D	-	A	D	D	A	-	A
DTE LIGHT OIL	-	-	-	-	-	-	-	B	D	B	B	A
DYES	B	-	A	-	-	C	-	-	B	-	-	A
EHTYL ALUMINIUM DICHLORIDE	-	-	-	-	-	-	-	D	-	A	-	B
EHTYLENE OXIDE	D	C	A	-	C/52	A	A/21	A	A	A	A	D
EPICHLOROHYDRIN	D	A	A	A	A	A	C	D	B	A	D	D
EPSOM SALTS (MAGNESIUM SULFATE)	A	A	A	B	A	B	A	A	A	A	-	A
ESAM-6 FLUID	-	-	-	-	-	-	-	-	B	-	-	D
ESSTIC 42, 43	-	-	-	-	-	-	-	A	D	-	D	A
ETHANE	A	A	A	A	C	A	-	C	C	A	-	A
ETHANOL (ETHYL ALCOHOL)	B	A	A	A	A	A	A	A	A	A	A	A
ETHANOL CHLORIDE	-	-	-	-	-	-	-	D	B	A	-	B
ETHANOLAMINE (AMINOETHANOL)	B	B	A	B	B	D	C	B	A	A	-	D
ETHERS	A	C	A	B	C	A	A/21	D	C	A	-	D
ETHYL ACETATE	B	A	A	B	A	A/49	A	D	A	A	B	D
ETHYL ACETOACETATE	A	A	A	A	-	A	A/21	D	B	A	D	D
ETHYL ACRYLATE	A	A	A	A	D	A	C	D	C	A	-	D
ETHYL ALCOHOL (ETHANOL)	B	B	A	A	A	-	A	A	A	A	A	A/21
ETHYL AMINE (MONOETHYLAMINE)	B	B	A	-	-	-	-	-	-	A	-	D
ETHYL BENZENE	A	B	B	A	D	A	C	D	D	A	-	A
ETHYL BENZOATE	A	A	A	A	B/21	A	-	D	C	A	-	A
ETHYL BROMIDE	A	A	A	-	D	-	-	C	-	A	-	A
ETHYL BUTYL ACETATE	-	-	-	-	-	-	-	D	-	A	-	D
ETHYL BUTYL ALCOHOL	-	-	-	-	-	-	-	A	-	A	D	B
ETHYL BUTYL KETONE	-	-	-	-	-	-	-	D	-	A	-	D
ETHYL BUTYRALDEHYDE	-	-	-	-	-	-	-	D	-	A	-	D
ETHYL BUTYRATE	B	A	A	A	B/21	-	-	D	-	A	-	C
ETHYL CAPRYLATE	-	-	-	-	-	-	-	D	-	A	-	-
ETHYL CELLOSOLVE	-	-	-	-	-	A	-	C	B	A	-	D
ETHYL CELLULOSE	B	A	B	B	-	A	-	B	A	A	B	D
ETHYL CHLORIDE	D	C	A	B	D	A	A	C	D	A	C	A
ETHYL CHLOROCARBONATE	D	A	-	-	-	A	-	D	A	A	D	A
ETHYL CHLOROFORMATE	D	-	-	-	D	A	-	D	C	A	D	A
ETHYL CYANIDE (PROPIONITRILE)	-	-	-	-	-	-	-	D	-	A	-	D
ETHYL ETHER	B	B	A	B	C/21	A/21	B/49	D	D	A	-	D
ETHYL FORMATE	C	A	B	B	-	A	-	D	B	A	D	A
ETHYL HEXYL ACETATE	-	-	-	-	-	-	-	-	-	A	D	D
ETHYL HEXYL ALCOHOL (ETHYLHEXANOL) A	A	A	A	A	-	-	-	-	A	A	D	A
ETHYL IODIDE	-	-	-	-	-	-	-	-	-	A	-	B

MATERIAL	METALS				PLASTICS			ELASTOMERS				
	ALUMINIUM	DUCTILE IRON	STAINLESS STEEL	HASTELLOY®	POLYPROPYLENE	ACETAL	PVDF (Kynar®)	NBR (Buna-N)	TPV (Santoprene®)	PTFE (Teflon®)	TPE (Hytrel®)	FKM (Viton®)
ETHYL ISOBUTYRATE	-	-	-	-	-	-	-	-	-	A	-	-
ETHYL MERCAPTAN	B	A	B	B	-	-	-	D	C	A	-	B
ETHYL OXALATE	A	-	-	-	-	-	-	D	B	A	D	B
ETHYL PENTACHLOROBENZENE	D	-	-	-	D	-	-	D	D	A	-	A
ETHYL PROPIONATE	A	A	A	A	-	-	-	D	D	A	D	-
ETHYL SILICATE	B	A	A	A	-	-	-	B	B	A	B	A
ETHYL SULFATE	-	-	D	-	-	-	-	D	B	A	-	D
ETHYLACRYLIC ACID	-	-	-	-	-	-	-	D	C	A	-	D
ETHYLCYCLOPENTANE	-	-	-	-	-	-	-	-	-	-	-	A
ETHYLENE (ETHENE)	A	A	A	-	-	A	-	B	C	A	D	A
ETHYLENE CHLORIDE	B	C	A	B	C/21	A	A	D	D	A	C	C
ETHYLENE CHLOROHYDRIN	B	B	B	-	D	C/21	A/21	D	C	A	D	A
ETHYLENE DIAMINE	A	A	A	C	A	A	B/21	B	A	A	-	D
ETHYLENE DIBROMIDE	D	B	A	B	B/21	-	A	D	D	A	-	A
ETHYLENE DICHLORIDE	B	A	A	A	D	A	A	C	C	A	C	B
ETHYLENE GLYCOL	B	B	A	A	A	B	A	A	A	A	A/21	A
ETHYLENE TRICHLORIDE	D	A	A	-	D	-	A	-	-	A	-	A
ETHYLIDENE CHLORIDE	D	B	A	B	-	-	-	D	D	A	-	-
FATTY ACIDS	B	D	A	A	B/60	B	A	B	B	A	D	A
FERRIC CHLORIDE	D	D	D	B	A	-	A	A	A	A	B/60	A/80
FERRIC HYDROXIDE	-	-	A	B	-	-	-	B	B	A	-	B
FERRIC NITRATE	D	D	A	A	A	A	A	A	A	A	D	A
FERRIC SULFATE	D	D	A	A	A	B	A	A	A	A	A	A
FERROUS CHLORIDE	D	D	D	B	A	B	A	B	A	A	A	A
FERROUS SULFATE (COPPERAS)	D	D	A	B	A	B/21	A	A	A	A	A	A
FISH OIL	-	-	-	-	-	-	-	A	B	A	B	A
FLUORBORIC ACID	D	D	B	A	A	-	A	A	A	A	D	A
FLUORINATED CYCLIC ETHERS	-	-	-	-	-	-	-	D	D	A	-	A
FLUORINE (LIQUID)	D	D	A	B	D	A	A/21	D	D	B	D	B
FLUOROBENZENE	D	-	-	-	D	A	-	D	C	A	-	A
FLUOROCARBON OIL	D	A	A	A	D	-	-	D	D	A	-	-
FLUOROCHLOROETHYLENE	-	-	-	-	-	-	-	D	C	A	-	A
FLUOROLUBE	A	A	A	A	D	-	-	A	D	A	D	B
FLUOROLUBE (FLUORO CARBONOIL)	A	A	A	A	D	-	-	-	-	A	D	B
FLUOROSULFONIC ACID	-	-	-	-	-	-	-	-	-	-	-	-
FLUOSILICIC ACID	D	D	B	B	A	-	A	A	A	A	B	A/60
FORMALDEHYDE	A	D	A	B	A	A	A	A	A/21	A	B	A
FORMAMIDE	A	B	B	B	-	-	-	A	A	A	D	D
FORMIC ACID	D	D	A	A	A	D	A	A	A	A	B	B
FREON 11	C	A	A	A	D	A	A	C	B	A	A	C
FREON 112	D	-	-	-	-	A	-	B	-	A	-	A
FREON 113	D	-	A	A	D	A	A	D	D	A	A	B
FREON 114	C	-	A	-	D	A	A	B	-	A	A	A
FREON 12	A	A	A	A	B	A	A	C	D	A	A	B
FREON 13	A	A	A	A	D	A	A	D	-	A	C	A
FREON 13B1	-	-	-	-	-	-	-	D	-	A	-	A
FREON 14	-	-	-	-	-	-	-	A	-	A	-	A
FREON 142B	D	-	-	-	-	A	-	-	-	A	-	D

MATERIAL	METALS				PLASTICS			ELASTOMERS				
	ALUMINIUM	DUCTILE IRON	STAINLESS STEEL	HASTELLOY®	POLYPROPYLENE	ACETAL	PVDF (Kynar®)	NBR (Buna-N)	TPV (Santoprene®)	PTFE (Teflon®)	TPE (Hytrel®)	FKM (Viton®)
FREON 152A	C	-	-	-	-	A	-	-	-	-	-	-
FREON 152A	D	-	-	-	-	A	-	-	-	A	-	D
FREON 21	D	-	-	-	D	A	A	D	-	A	-	D
FREON 218	D	-	-	-	-	A	-	-	-	A	-	A
FREON 22	D	D	A	A	D	A	A	D	D	A	D	D
FREON 31	D	-	-	-	-	A	-	D	-	A	-	D
FREON 32	D	-	-	-	-	A	-	D	-	A	-	D
FREON 502	D	-	-	-	-	A	-	-	-	A	D	B
FREON BF	D	-	-	-	-	-	-	-	-	A	-	A
FREON C316	D	-	-	-	-	A	-	-	-	A	-	A
FREON C318	D	-	-	-	-	A	-	-	-	A	-	A
FREON K-142B	D	-	-	-	-	A	-	-	-	-	-	-
FREON K-152A	D	-	-	-	-	A	-	-	-	-	-	-
FREON MF	D	-	-	-	-	-	-	-	-	A	A	D
FREON PCA	D	-	-	-	-	-	-	-	-	-	-	B/21
FREON TA	D	-	-	-	-	-	-	-	-	A	-	C
FREON TC	D	-	-	-	-	-	-	-	-	A	-	A
FREON TF	D	A	A	A	-	A	B	-	D	A	A	B
FREON TMC	D	-	-	-	-	-	-	-	-	A	A	A
FREON T-P35	D	-	-	-	-	-	-	-	-	A	-	A
FREON T-WD602	D	-	-	-	-	-	-	-	-	A	-	A
FREON114B2	-	-	-	-	-	-	-	-	-	A	-	B
FUEL OIL	A	A	A	A	A	B	A	B	C	A	B	A
FUMARIC ACID (BOLETIC ACID)	-	-	-	-	-	-	-	-	A	A	B	A
FUMING SULPH. ACID (20/50% OLEUM)	-	-	-	-	-	-	-	D	-	A	D	A
FURAN (FURFURAN)	A	A	A	-	C	-	D	D	A	A	-	D
FURAN RESIN	A	-	A	B	D	D	D	D	C	A	-	D
FURFURAL (ANT OIL)	A	B	A	B	D	B	B/49	D	A	A	B	D
FURFURYL ALCOHOL	A	A	A	A	-	-	B/38	D	C	A	B	D
FURYL CARBINOL	-	-	-	-	-	-	-	D	-	A	-	D
FUSEL OIL (GRAIN OIL)	-	-	-	-	-	-	-	-	-	A	-	A
GALLIC ACID	A	D	B	B	A	-	A/21	D	B	A	D	A
GASOLINE (AVIATION)	-	-	-	-	D	A	A	D	C	A/49	A	A
GASOLINE (LEADED)	A	A	A	A	D	A	A	C	C	A	A	A
GASOLINE (UNLEADED)	A	A	A	A	D	A	A	C	C	A	-	A
GELATIN	A	D	A	A	A	B	A	A	A	A	B	A
GINGER	-	-	D	-	-	A	A	A	C	A	-	A
GLAUBER'S SALT	-	-	-	-	-	-	-	-	-	A	B	A
GLUCOSE (CORN SYRUP)	A	B	A	A	A	A	A	A	A	A	B	A
GLUE P.V.A.	B	A	A	A	A	B	A	A	A	A	A	A
GLYCERINE - GLYCEROL	A	B	A	A	A	A	A	A	A	A	A	A
GLYCOLIC ACID	-	-	-	A	A	A	A/21	A	-	A	-	A
GOLD MONOCYANIDE	-	D	A	-	-	A	A	A	A	D	-	A
GRAPE JUICE	B	D	A	-	A	B	A	A	A	-	-	A
GRAPEFRUIT OIL	-	D	A	-	-	-	-	-	A	A	-	A
GREASE (ESTER BASE)	A	A	A	A	A	A	A	C	B	A	-	-
GREASE (PETROLEUM BASE)	A	A	A	A	A	A	A	A	D	A	A	A
GREASE (SILICONE BASE)	A	A	A	A	A	A	A	A	B	A	-	-

MATERIAL	METALS				PLASTICS			ELASTOMERS				
	ALUMINIUM	DUCTILE IRON	STAINLESS STEEL	HASTELLOY®	POLYPROPYLENE	ACETAL	PVDF (Kynar®)	NBR (Buna-N)	TPV (Santoprene®)	PTFE (Teflon®)	TPE (Hytrel®)	FKM (Viton®)
GREEN SULFATE LIQUOR	B	C	A	B	A	-	-	B	A	A	D	A
HALOTHANE	-	-	-	-	-	-	-	D	-	-	-	A
HALOWAX OIL	D	-	-	-	-	-	-	D	D	A	-	A
HANNIFIN LUBE A	-	-	-	-	-	-	-	A	D	-	-	A
HEAVY WATER	A	C	A	A	-	-	-	A	B	-	B	-
HEF - 2 (HIGH ENERGY FUEL)	-	-	-	-	-	-	-	B	D	-	-	A
HELIUM	A	A	A	-	A	A	-	A	A	A	-	A
HEPTANAL	A	A	-	A	A	-	-	A	-	-	-	-
HEPTANE	A	A	A	A	B/21	A	A	B	C	A	B	A
HEXAMINE	D	A	A	-	-	-	-	-	-	A	-	-
HEXANE	A	A	A	A	B/21	A	A	B	C	A	A	A
HEXANOL	A	A	A	A	A/21	A/21	-	A	C	A	D	A
HEXANOL TERTIARY	A	A	A	-	B	A	-	-	-	A	-	-
HEXYL ALCOHOL	A	A	A	-	-	-	A	B	B	A	D	B
HEXYLENE GLYCOL	A	A	A	A	-	-	-	-	-	A	D	A
HILO MS #1	-	-	-	-	-	-	-	D	-	-	D	D
HONEY	A	A	A	A	A	A	A	A	A	A	-	A
HOUGHTO-SAFE 1010, PHOSPHATE ESTER	-	-	-	-	-	-	-	D	A	A	B	A
HOUGHTO-SAFE 1055, PHOSPHATE ESTER	-	-	-	-	-	-	-	D	A	A	B	A
HOUGHTO-SAFE 1120, PHOSPHATE	-	-	-	-	-	-	-	D	A	A	B	A
HOUGHTO-SAFE 271 (WATER & GLYCOL BASE)	-	-	-	-	-	-	-	-	A	A	B	B
HOUGHTO-SAFE 5040 (WATER/OIL EMULSION)	-	-	-	-	-	-	-	A	D	A	B	A
HOUGHTO-SAFE 620 WATER/GLYCOL	-	-	-	-	-	-	-	B	A	A	A	B
HYDRAULIC OILS (PETROLEUM)	A	A	A	A	D	B	-	A	D	A	A	A
HYDRAULIC OILS (SYNTHETIC)	A	A	A	A	D	B	-	A	D	A	A	A
HYDRAZINE (DIAMINE)	A	D	A	A	C	B	A/49	D	A	A	D	D
HYDROBROMIC ACID	D	D	D	A	B	D	A	D	B	A	-	-
HYDROCHLORIC ACID 20%	D	D	D	A	A	D	A	D	A	A	D	A
HYDROCHLORIC ACID 30%	D	D	D	A	A	D	A	D	B	A	D	A
HYDROCYANIC ACID	A	D	A	A	A	D	A	D	A	A	D	A
HYDROFLUORIC ACID 20%	D	D	D	D	A	D	A	D	D	A	D	A
HYDROFLUORIC ACID 50%	D	D	D	D	B/21	D	A	D	D	A	D	A
HYDROFLUORIC ACID 75%	D	D	D	D	B/21	D	A	D	D	A	D	D
HYDROFLUORIC ACID CONCENTRATED	D	D	D	D	D	D	A	D	D	A	D	D
HYDROFLUOSILICIC ACID 20%	D	D	D	B	A	-	A	B	B	A	B	A
HYDROGEN	-	-	-	-	-	-	-	A	A	A	A	A
HYDROGEN CHLORIDE GAS	D	A	A	A/52	A/60	-	A	B	B	A	-	A
HYDROGEN CYANIDE GAS	D	A	B	-	A	-	A	A	A	A	D	A
HYDROGEN FLUORIDE	D	-	D	A	A/21	-	-	D	-	B/21	D	A
HYDROGEN PEROXIDE	A	D	A	A	A/21	D	A/21	C	A	A	D	A
HYDROGEN SULFIDE DRY	B	D	B	A	A	A	A	D	A	A	A	D
HYDROGEN SULFIDE WET	D	D	A	A	A	C	A	D	A	A	A	D
HYDROLUBE-WATER/ETHYLENE GLYCOL	A	A	A	A	A	D	A	A	A/250	A	B/66	A/21
HYDROQUINONE	A	B	B	B	A	A	A	C	A	A	-	C
HYDROXYACETIC ACID 70%	D	B	B	-	-	C	A	A	A	A	-	A
HYDYNE	-	-	-	-	-	-	-	B	D	A	-	D
HYPOCHLOROUS ACID	D	D	D	A	A	D	A	D	A	A	-	A
HYPOID GREASE (PARAPOID 10-C)	-	-	-	-	-	A	-	B	-	A	-	C

MATERIAL	METALS				PLASTICS			ELASTOMERS				
	ALUMINIUM	DUCTILE IRON	STAINLESS STEEL	HASTELLOY®	POLYPROPYLENE	ACETAL	PVDF (Kynar®)	NBR (Buna-N)	TPV (Santoprene®)	PTFE (Teflon®)	TPE (Hytel®)	FKM (Viton®)
INK (PRINTERS)	C	D	A	A	-	A	A	A	A	A	A	A
IODINE	D	D	D	B	A	A	A/66	B	A	A	B	A
IODINE PENTAFLUORIDE	-	-	-	-	-	-	-	D	B	A	-	D
IODOFORM	B	A	B	D	-	-	A	B	B	A	-	A
ISO BUTANE	-	-	-	-	-	-	-	-	-	A	-	A/21
ISO BUTYL ACETATE	A	A	A	A	-	-	-	D	-	A	-	D
ISOAMYL ACETATE	A	A	A	A	-	-	-	D	-	A	-	D
ISOAMYL ALCOHOL	-	-	-	-	-	-	-	-	-	A	-	A
ISOAMYL BUTYRATE	A	A	A	A	-	-	-	D	-	A	-	D
ISOAMYL CHLORIDE	D	-	-	-	-	-	-	D	-	A	-	A
ISOBUTYL ALCOHOL	B	C	A	A	A/21	A	A	B	A	A	-	A/24
ISOBUTYL AMINE	-	-	-	-	-	-	-	D	-	A	-	D
ISOBUTYL CHLORIDE	D	B	B	A	-	-	-	D	-	A	-	B
ISO-BUTYL N-BUTANE	-	-	-	-	-	-	-	D	-	A	D	B
ISOBUTYRIC ACID	A	-	-	-	-	-	-	D	-	A	-	-
ISOCYANATES	-	A	A	A	A	A	-	C	-	A	B	B
ISODODECANE	B	B	B	B	-	-	-	A	-	A	-	A/21
ISOOCTANE	A	A/21	A/21	A	A/49	-	A/21	C	C	A	A/70	A
ISOPENTANE	-	-	-	-	-	-	-	A	-	A	-	A
ISOPHORONE (KETONE)	A	A	A	A	-	-	-	D	B	A	-	D
ISOPROPANOL (ISOPROPYL ALCOHOL)	A	A	A	A	A	A	A	A	B	A	A/21	A/49
ISOPROPYL ACETATE	B	A	A	B	A	A	-	D	B	A	C	D
ISOPROPYL ALCOHOL (ISOPROPANOL)	A	A	A	A	A	A	A	A	B	A	A	A
ISOPROPYL AMINE	-	A	A	-	-	-	-	D	-	A	-	D
ISOPROPYL BENZENE (CUMENE)	-	-	-	-	-	-	-	D	-	A	-	A
ISOPROPYL CHLORIDE	D	A	A	-	D	A	-	D	C	A	-	A
ISOPROPYL ETHER	A	-	A	A	B/21	A	-	B	C	A	-	D
ISOTANE	D	-	-	-	D	-	A	A	-	-	-	A
JET FUEL (JP3, JP4, JP5)	A	A	A	A	A/22	A/22	B	A	C	A	-	A
KEL F LIQUIDS	-	-	-	-	-	-	-	-	-	A	-	B
KEROSENE	A	A	A	B	B/22	A	A	A	C	A	A	A
KETONES	B	-	A	A	D	A	A/21	D	C	A	D	D
KEYSTONE #87HX-GREASE	-	-	-	-	-	-	-	-	-	A	-	A
LACQUER SOLVENTS	A	B	A	-	C	A	D	D	C	A	B	D
LACQUERS	A	C	A	A	C	A	D	D	C	A	D	D
LACTAM-AMINO ACIDS	-	-	-	-	-	-	-	-	-	A	-	D
LACTIC ACID 5%	C	D	A	B	A	A	A/21	B	A	A	D	A
LACTOL	A	A	A	A	D	A	-	-	-	A	-	A
LATEX	A	-	A	-	A	A	-	A	A	A	-	A
LAURYL ALCOHOL (N-DODECANOL)	A	A	A	A	-	-	-	-	-	A	-	B
LAVENDER OIL	-	-	-	-	-	-	-	B	B	A	-	A
LEAD ACETATE	D	A	B	B	A	A	A	B	A	A	-	A
LEAD CHLORIDE	D	-	B	B	A	-	A	-	-	A	-	A
LEAD NITRATE	D	B	B	B	A	-	A	A	-	A	-	A
LEAD SULFAMATE	C	-	-	-	A	A	A	A	A	A	-	A
LEHIGH X1169	-	-	-	-	-	-	-	-	-	A	-	A
LEHIGH X1170	-	-	-	-	-	-	-	-	-	A	-	A
LEMON OIL	A	-	A	-	-	-	-	-	C	A	-	A

MATERIAL	METALS				PLASTICS			ELASTOMERS				
	ALUMINIUM	DUCTILE IRON	STAINLESS STEEL	HASTELLOY®	POLYPROPYLENE	ACETAL	PVDF (Kynar®)	NBR (Buna-N)	TPV (Santoprene®)	PTFE (Teflon®)	TPE (Hytre®)	FKM (Viton®)
LIGHT GREASE	-	-	-	-	-	A	-	-	-	A	-	A
LIGNIN LIQUOR	-	-	A	-	-	-	-	-	-	A	-	A
LIGROIN (PETRO ETHER OR BENZINE)	-	A	A	-	B/79	B	A	B	B	A	-	A
LIME	C	A	A	-	B	-	A	A	A	A	A	A
LIME BLEACH	D	-	A	-	B	-	-	B	A	A	-	A
LIME SLURRIES	B	-	B	-	-	-	-	A	A	A	-	D
LIME SULFUR	D	-	A	-	A	-	A	A	B	A	-	A
LIMONENE	-	-	-	-	-	-	-	D	-	A	-	A
LINDOL, HYDRAULIC FLUID	-	-	-	-	-	-	-	D	A	A	-	B
LINOLEIC ACID	A	-	A	A	A	-	A	B	B	A	-	B
LINSEED OIL	A	A	A	A	A	A	A	A	B	A	B	A
LIQUID OXYGEN	-	-	-	-	-	-	-	D	-	A	-	D
LIQUID PETROLEUM GAS (LPG)	-	-	-	A	D	A	-	D	C	A	B	A
LIQUIMOLY	-	-	-	-	-	-	-	A	-	A	-	A
LITHIUM CHLORIDE	D	B	A	A	A/52	A	-	A	-	A	-	A
LITHIUM HYDROXIDE	D	B	B	B	A/21	-	-	D	-	A	-	C
LITHIUM BROMIDE	-	A	-	-	-	-	A	A	-	A	-	A
LUBRICATING OIL DI-ESTER	-	-	-	-	-	-	-	A	D	A	D	A
LUBRICATING OIL PETROLEUM BASE	A	A	A	A	C	A	A	B	D	A	A	A
LUBRICATING OIL SAE 10,20, 30, 40, 50	A	A	A	A	C	A	A	A	D	A	A	A
LYE SOLUTIONS	-	-	A	-	A	D	A/66	B	A	A	C	B
LYSOL	-	-	-	-	-	-	-	B	-	A	-	-
MAELIC ACID	B	A	A	B	B	A	A	A	A	A	-	A
MAELIC ANHYDRIDE	A	B	A	A	-	A	-	D	A	A	-	A
MAGNESIUM BISULFATE	D	-	B	-	A	-	-	B	-	A	-	-
MAGNESIUM BISULFITE	-	-	-	-	-	-	-	C	-	A	-	-
MAGNESIUM CARBONATE	D	B	A	B	A	A	A	A	A	A	-	A
MAGNESIUM CHLORIDE	D	D	D	A	A	B	A	A	A	A	B	A
MAGNESIUM HYDROXIDE (MILK OF MAGNESIA)	D	B	A	A	A	A	A	A	A	A	B	A
MAGNESIUM NITRATE	D	D	A	A	A	A	A	A	A	A	-	A
MAGNESIUM OXIDE	B	A	A	A	-	A	-	A	A	A	-	A
MAGNESIUM SALTS	-	-	-	-	-	-	-	A	A	A	-	A
MAGNESIUM SULFATE	D	C	A	B	B	A	A	B	A	A	B	A
MAGNESIUM SULFITE	-	-	-	-	-	-	-	B	A	A	-	A
MALATHION	-	-	-	-	-	-	-	-	-	A	D	A
MALEIC ANHYDRIDE	A	B	A	A	D	D	A	D	A	A	-	A
MALIC ACID	B	D	A	B	B	A	A	B	A	A	-	A
MALT BEVERAGES	-	-	-	-	-	-	-	B	A	A	-	A
MANGANESE CHLORIDE	-	D	-	B	A	-	-	A	-	A	-	A
MAPLE SUGAR LIQUORS (SUCROSE)	-	-	-	-	-	-	-	A	A	A	-	A
MASH	-	-	A	-	-	A	-	A	A	-	-	-
MAYONNAISE	D	D	A	A	A	A	A	A	A	A	-	A
MCS 312	-	-	-	-	-	-	-	D	-	A	-	A
MCS 352	-	-	-	-	-	-	-	D	-	A	-	D
MCS 463	-	-	-	-	-	-	-	D	-	A	-	D
MELAMINE RESINS	-	-	D	A	-	A	-	C	B	A	-	A
MERCAPTAN	-	-	-	-	-	-	-	D	-	A	-	D
MERCURIC CHLORIDE	D	D	D	B	A	B	A	A	A	A	B	A

MATERIAL	METALS				PLASTICS			ELASTOMERS				
	ALUMINIUM	DUCTILE IRON	STAINLESS STEEL	HASTELLOY®	POLYPROPYLENE	ACETAL	PVDF (Kynar®)	NBR (Buna-N)	TPV (Santoprene®)	PTFE (Teflon®)	TPE (Hytre®)	FKM (Viton®)
MERCURIC CYANIDE	D	C	A	A	A	-	A	A	A	A	D	A
MERCUROUS NITRATE	D	B	B	B	A	-	A	B	-	A	-	A
MERCURY	C	A	A	A	A	A	A	A	A	A	A	A
MESITYL OXIDE	A	A	A	A	-	-	-	D	C	A	-	D
METHANE	A	-	A	A	B	A	A	B	C	A	B	A
METHANOL	B	-	A	A	A/49	A	A	A	A	A	A	D
METHYL ACETATE	A	A	A	A	C	A	B	D	B	A	C	D
METHYL ACETOACETATE	-	A	A	A	-	-	-	D	-	A	-	D
METHYL ACETONE	A	A	A	A	D	A	D	D	B	A	-	D
METHYL ACRYLATE	-	A	A	-	-	A	B	D	D	A	-	D
METHYL ACRYLIC ACID	-	-	-	-	-	A	-	-	A	A	-	C
METHYL ALCOHOL	B	A	B	A	A	A	A	A	A	A	A	C
METHYL AMINE	B	A	A	B	-	A	C	B	-	A	-	C
METHYL AMYL ACOHOL	A	A	A	A	-	-	-	B	-	A	-	D
METHYL ANILINE	-	-	-	-	-	-	-	D	-	A	-	B
METHYL BENZOATE	-	-	-	-	-	-	-	D	-	A	-	A
METHYL BROMIDE	D	A	A	B	D	A	A	B	D	A	-	A
METHYL BUTYL KETONE	A	-	A	-	D	A	D	D	C	A	-	D
METHYL BUTYRATE	A	A	A	A	-	-	-	D	-	A	-	-
METHYL CARBONATE	-	-	-	-	-	-	-	D	-	A	-	A
METHYL CELLOSOLVE	A	C	-	-	B	A	A	C	B	A	-	D
METHYL CELLULOSE	-	-	-	-	-	-	-	B	-	A	-	D
METHYL CHLORIDE	D	D	A	B	D	A	A	D	D	A	D	B
METHYL CHLOROFORMATE	-	-	-	-	-	-	-	D	-	A	-	A
METHYL CYANIDE	-	-	-	-	-	-	-	C	-	A	-	D
METHYL CYCLOPENTANE	-	-	-	-	-	A	-	D	C	A	-	A
METHYL D-BROMIDE	-	-	-	-	-	-	-	D	-	A	-	A
METHYL DICHLORIDE	D	-	-	-	D	A	D	D	D	A	-	A
METHYL ETHER	-	-	-	-	-	-	-	-	-	A	-	A
METHYL ETHYL KETONE (MEK)	A	A	A	A	C/52	B	D	B	B	A	B	D
METHYL FORMATE	A	B	B	-	-	A	-	D	B	A	-	D
METHYL HEXANE	-	-	-	-	-	-	-	-	-	A	-	A
METHYL IODIDE	D	A	A	A	-	-	-	D	-	A	-	-
METHYL ISOBUTYL KETONE	B	C	B	A	A	A	D	D	C	A	B	D
METHYL ISOPROPYL KETONE	A	C	A	-	C	A	-	D	C	A	-	D
METHYL METHACRYLATE	B	C	A	-	A	A	B	D	B	A	-	D
METHYL OLEATE	-	-	-	-	-	A	-	D	C	A	-	A
METHYL SALICYLATE	A	A	-	-	B	A	B	D	B	A	-	B
METHYLACRYLIC ACID	-	-	-	-	-	A	-	D	A	A	-	C
METHYLAMINE	B	A	A	B	-	A	C	-	A	A	-	-
METHYLENE BROMIDE	D	A	A	A	-	-	A	D	-	A	-	C
METHYLENE CHLORIDE	D	B	A	A	D	A	B	C	D	A	D	B
METHYLENE DICHLORIDE	-	-	-	-	-	-	-	D	-	A	-	B
MILK	A	D	A	A	A	A	A	A	A	A	B	A
MINE WATER	A	A	A	A	A	A	A	A	B	A	-	A
MINERAL OIL	A	A	A	A	B	A	A	A	D	A	A	A
MLO-7277 HYDR.	-	-	-	-	-	-	-	-	-	A	-	A
MLO-75557	-	-	-	-	-	-	-	-	-	A	-	A

MATERIAL	METALS				PLASTICS			ELASTOMERS				
	ALUMINIUM	DUCTILE IRON	STAINLESS STEEL	HASTELLOY®	POLYPROPYLENE	ACETAL	PVDF (Kynar®)	NBR (Buna-N)	TPV (Santoprene®)	PTFE (Teflon®)	TPE (Hytre®)	FKM (Viton®)
MLO-8200 HYDR.	-	-	-	-	-	-	-	-	-	A	-	A
MLO-8515	-	-	-	-	-	-	-	-	-	A	-	A
MOLASSES	A	A	A	-	A	B	A	A	A	A	B	A
MONOCHLORACETIC ACID	D	D	D	B	A	B	A	D	D	A	D	B
MONOCHLOROACETIC ACID	D	D	B	B	A	D	B	D	D	D	D	C
MONOCHLOROBENZENE	D	A	A	-	D	A	A/66	D	D	A	C	A
MONOCHLORODIFLUORO METHANE	A	A	A	-	A	-	A	D	D	A	D	D
MONOETHANOLAMINE	B	A	A	-	D	D	D	D	A	A	D	D
MONOMETHYL HYDRAZINE	-	-	-	-	-	-	-	B	-	A	D	-
MONOMETHYLANILINE	-	-	-	-	-	-	-	D	B	A	D	B
MONOMETHYLETHER	-	-	-	-	-	-	-	A	C	A	D	A
MONONITROTOLUENE & DICITROTOLUENE (40/60 MIXTURE)	-	-	-	-	-	-	-	A	-	A	D	C
MONOVINYL ACETYLENE	-	-	-	-	-	-	-	A	C	A	-	A
MORPHOLINE	A	A	A	A	B	-	D	D	-	A	-	-
MURIATIC ACID (10-20% HCL)	D	D	D	A	A	D	A	B	A	A	D	A
MUSTARD	B	-	A	A	A	A	-	B	A	A	B	A
NAPALM	-	-	-	-	-	-	-	B	-	-	D	A
NAPHTHA	A	B	A	A	C	A	A	A	C	A	A	A
NAPHTHA-COAL TAR (BENZOL)	A	A	A	A	C	A	A	D	C	A	D	A
NAPHTHALENE (TAR CAMPHOR)	B	A	A	A	B	A	A	D	C	A	B	A
NAPHTHENIC ACID	B	B	A	B	-	A	-	B	B	A	D	A
NATURAL GAS	A	A	A	-	A	A	-	A	C	A	B	A
NEATSFOOT OIL	A	A	A	-	-	B	-	A	B	A	D	A
NEOHEXANE	-	-	-	-	-	-	-	A	-	A	D	A
NEOSOL	B	B	A	A	-	-	-	A	-	A	D	C
NEVILLE ACID	-	-	-	-	-	-	-	D	A	A	D	A
N-HEXALDEHYDE	A	A	A	-	-	-	-	D	C	A	D	D
N-HEXENE-1	-	-	-	-	-	-	-	A	C	A	-	A
NICKEL ACETATE	B	-	A	-	A	-	A	B	A	A	-	D
NICKEL AMMONIUM SULFATE	-	-	-	-	-	-	-	C	A	A	-	A
NICKEL CHLORIDE	D	D	B	A	A	B	A	A	A	A	D	A
NICKEL NITRATE	D	-	A	B	A	D	A	A	A	A	-	A
NICKEL SALTS	-	-	-	-	-	-	-	A	A	A	-	A
NICKEL SULFATE	D	D	A	B	A	A	A	A	A	A	D	A
NICOTINE	-	-	-	-	-	-	-	A	-	A	B	A
NICOTINIC ACID	-	-	-	-	-	-	-	A	-	A	-	-
NITER CAKE	-	-	-	-	-	-	-	A	A	A	-	A
NITRANA (AMMONIA FERTILIZER)	-	-	-	-	-	-	-	B	-	A	-	C
NITRIC ACID, 5% TO 10% SOLUTION	D	D	A	A	A/49	C	A/52	A	A	A	B	A
NITRIC ACID, 20% SOLUTION	D	D	A	B	B/21	C	A/52	B	B	A	D	A
NITRIC ACID, 50% SOLUTION (BOILING)	D	D	A	B	B/21	C	A/52	C	C	A	D	A
NITRIC ACID, 65% SOLUTION (BOILING)	D	D	A	B	D	D	A/52	D	C	A	D	A
NITRIC ACID, CONCENTRATED	D	D	A	B	D	D	A/52	D	C	A	D	A
NITRIC ACID, RED FUMING (RFNA)	D	D	A	B/21	D	D	D	-	D	A	D	B
NITROBENZENE	C	C	B	B	B/21	B	A/21	D	B	A	D	A
NITROETHANE	A	A	A	A	C	B	-	D	A	A	-	D
NITROGEN	A	A	A	A	A	A	A	A	A	A	B	A

MATERIAL	METALS				PLASTICS			ELASTOMERS				
	ALUMINIUM	DUCTILE IRON	STAINLESS STEEL	HASTELLOY®	POLYPROPYLENE	ACETAL	PVDF (Kynar®)	NBR (Buna-N)	TPV (Santoprene®)	PTFE (Teflon®)	TPE (Hytre®)	FKM (Viton®)
NITROGEN TEXTROXIDE	D	D	A	A	D	-	C	D	D	A	B	D
NITROGLYCERINE	-	-	-	-	-	-	-	-	A	A	D	A
NITROMETHANE	A	A	A	A	C	-	A/49	D	A	A	D	D
NITROPROPANE	A	A	A	A	-	-	-	-	B	A	-	D
NITROUS ACID	D	D	B	A	D	-	A	D	-	A	-	A
NITROUS OXIDE	B	B	D	B	A	-	D	A	-	A	-	A
N-OCTANE	-	-	-	-	D	-	A	D	B	A	-	A
OCTACHLORO TOLUENE	D	-	-	-	D	-	-	D	-	A	-	A
OCTADECANE	-	-	-	-	-	-	-	-	B	A	-	A
OCTYL ACETATE	A	-	A	-	-	-	-	D	-	A	-	D
OCTYL ALCOHOL	-	-	-	-	-	-	-	B	-	A	-	B
OILS, CRUDE (ASPHALT BASE)	A	B	A	A	B	A	A	B	D	A	B	A
OLEIC ACID (RED OIL)	A	B	A	A	A	A	A	D	B	A	A	A
OLEIN (TRIOLEIN)	-	-	-	-	-	-	-	-	D	A	-	-
OLEUM (FUMING SULFURIC ACID)	D	D	A	D	D	D	D	D	D	A	D	B
OLEUM SPIRITS	D	D	B	-	D	-	D	D	D	A	B	A
OLIVE OIL	A	A	B	A	A	A	B	D	B	A	-	A
ORONITE 8200	-	-	-	-	-	-	-	-	-	A	B	A
ORONITE 9515	-	-	-	-	-	-	-	-	-	A	-	-
ORTHOCHLORO ETHYL BENZENE	-	-	-	-	-	-	-	-	-	A	-	A
ORTHO-DICHLOROBENZENE	-	-	-	-	-	-	-	-	D	A	D	A
OS 45 TYPE 111 (OS45)	-	-	-	-	-	-	-	-	-	A	C	B
OS 45 TYPE IV (OS45-1)	-	-	-	-	-	-	-	-	-	A	-	B
OS 70	-	-	-	-	-	-	-	-	-	A	-	A
OXALIC ACID - 5% (HOT AND COLD)	B	D	B	B	A	D	A/49	C	A	A	D	A
OXALIC ACID (COLD)	D	D	D	B	A	D	B	D	A	A	D	A
OZONE	B	-	-	-	D	D	A	-	A	A	C	A
PAINT THINNER, DUCO	A	A	A	-	D	A	-	D	C	A	-	B
PALM OIL	A	A	A	-	-	A	A	-	B	A	-	A
PALMITIC ACID	C	C	A	B	A	A	A	A	B	A	A	A
PARA-DICHLOROBENZENE	-	-	-	-	-	-	-	-	-	A	-	A
PARAFFIN	A	-	A	B	A	A	A	A	A	A	-	A
PARAFORMALDEHYDE	A	A	A	A	-	-	-	-	-	A	-	C
PARALDEHYDE	A	A	A	A	-	-	-	-	-	A	-	D
P-CYMENE	-	-	-	-	-	-	-	D	B	A	-	A
P-DICHLOROBENZENE	D	B	B	A	B	B	A/66	D	D	A	D	A
PEANUT OIL	-	A	A	A	A	-	A	A	B	A	-	A
PENTACHLOROETHANE (PENTALIN)	D	A	A	A	D	A	A	D	-	A	-	A
PENTACHLOROPHENOL (PCP)	A	A	A	A	-	-	-	-	-	A	-	A
PENTANE	A	B	B	B	-	A	A	-	-	A	-	A
PEPPERMINT OIL	-	-	A	-	-	-	-	-	C	-	-	A
PERCHLOROETHYLENE (TETRACHLOROETHYLENE)	D	B	A	B	D	A	A	D	D	A	D	B
PERMACHLOR (DEGREASING FLUID)	-	-	-	-	-	-	-	-	-	A	-	C/21
PETROLATUM	B	-	A	A	A	A	A	A	-	A	-	A
PETROLEUM ETHER	B	B	A	D	A	A	B	A	-	A	-	A
PETROLEUM OIL, CRUDE	-	-	-	-	B	A	A	C	C	A	A	A
PETROLEUM OILS (REFINED)	-	-	-	-	B	A	A	B	C	A	A	A
PETROLEUM OILS (SOUP)	B	B	A	A	B	A	A	C	C	A	B	A

MATERIAL	METALS				PLASTICS			ELASTOMERS				
	ALUMINIUM	DUCTILE IRON	STAINLESS STEEL	HASTELLOY®	POLYPROPYLENE	ACETAL	PVDF (Kynar®)	NBR (Buna-N)	TPV (Santoprene®)	PTFE (Teflon®)	TPE (Hytel®)	FKM (Viton®)
PHENOL (CARBOLIC ACID)	B	D	A	A	C	A	A/21	D	A	A	D	A
PHENOL SULFONIC ACID	B	B	B	A	-	-	A/49	-	-	A	-	D
PHENYL ACETATE	-	-	-	-	-	-	-	-	-	A	-	D
PHENYL ETHYL ETHER (PHENETOLE)	-	-	-	-	-	-	C	D	C	A	-	C
PHENYL HYDRAZINE	A	D	-	-	-	-	D	-	B	A	-	A
PHENYLBENZENE	-	-	-	-	-	-	-	-	C	A	-	A
PHORONE (DIISOPROPYLIDENE ACETONE)	-	-	-	-	-	-	-	-	B	A	-	D
PHOSPHATE ESTERS	-	-	-	-	-	-	-	-	-	A	-	D
PHOSPHORIC ACID 10%	D	D	-	-	A	-	A	A	A	A	-	-
PHOSPHORIC ACID 20%	D	D	B	A	A	D	A	C	A	A	-	A
PHOSPHORIC ACID 45%	D	D	B	-	A	D	A	D	-	A	-	A
PHOSPHORIC ACID 50%	D	D	-	C	A	D	A	D	B	A	-	-
PHOSPHORIC ACID (CONCENTRATED)	D	D	-	-	A	D	A	D	-	A	-	-
PHOSPHORIC ACID (CRUDE)	D	D	B	A	B	D	A	D	-	A	-	A
PHOSPHOROUS OXYCHLORIDE	B	B	B	B	-	-	-	-	-	A	-	-
PHOSPHOROUS TRICHLORIDE ACID	D	B	A	-	D	D	A	D	B	A	-	A
PHOSPHORUS	B	A	A	A	B	B	A	-	-	A	-	-
PHOSPHORUS PENTACHLORIDE	-	-	B	-	B	-	A	-	-	A	-	-
PHOSPHORUS TRICHLORIDE	D	B	A	A	D	D	A	D	B	A	-	A
PHOTOGRAPHIC DEVELOPER	C	D	A	A	A	A	A	B	A	A	D	A
PHTHALIC ACID	B	A	B	B	A	-	A	D	-	A	-	A
PHTHALIC ANHYDRIDE	-	-	-	-	-	-	-	-	-	A	-	A
PICKLING SOLUTION	-	-	-	-	-	D	-	D	A	A	D	B/21
PICRIC ACID	C	D	D	D	B/21	D	A/21	B	B	A	D	A
PINE OIL	A	B	A	-	-	-	-	B	C	A	D	A
PINENE	-	-	-	-	-	-	-	B	C	A	D	A
PIPERIDINE	-	-	-	-	-	-	-	-	B	A	D	D
PITCH	-	-	-	-	-	-	-	A	-	A	D	A
PLATING SOLUTIONS, ANTIMONY	D	A	A	A	A	A	A	B	A	A	-	A
PLATING SOLUTIONS, ARSENIC	C	A	A	A	A	A	-	B	A	A	-	A
PLATING SOLUTIONS, BRASS	C	A	A	A	A	A	A	B	A	A	-	A
PLATING SOLUTIONS, BRONZE	C	A	A	A	A	B	-	B	A	A	-	A
PLATING SOLUTIONS, CADNIUM	C	A/21	A/60	A/32	A	C	A	B	A	A	-	A
PLATING SOLUTIONS, CHROME	C	C	A	B	A	D	A	D	A	A	-	A
PLATING SOLUTIONS, COPPER	C	A/21	A/66	A/49	A	-	A	B	A	A	-	-
PLATING SOLUTIONS, GOLD	C	-	A/66	A/21	A	-	A	B	A	A	-	A
PLATING SOLUTIONS, INDIUM	C	-	A	A	A	-	-	B	A	A	-	A
PLATING SOLUTIONS, IRON	C	-	A	A	A	-	A	B	A	A	-	A
PLATING SOLUTIONS, LEAD	C	-	-	-	A	A	A	C	A	A	-	A
PLATING SOLUTIONS, NICKEL	C	-	A/21	A/60	A	-	A	B	A	A	-	A
PLATING SOLUTIONS, SILVER	C	-	A	A	A	-	A	B	A	A	-	A
PLATING SOLUTIONS, TIN	C	-	A	A	A	-	A	B	A	A	-	A
PLATING SOLUTIONS, ZINC	C	-	A	A	A	-	A	B	A	A	-	A
POLYOL	A	A	A	A	-	-	-	-	-	A	-	A
POLYVINYL ACETATE EMULSION	-	B	-	-	B/21	A	A	B	A	A	-	D
POTASSIUM ACETATE	D	A	B	B	A	A	A	B	A	A	-	D
POTASSIUM ALUMINUM SULFATE	C	D	B	-	A	A	A	-	-	A	-	-
POTASSIUM BICARBONATE	C	A	B	B	A	A	A	A	A	A	-	A

MATERIAL	METALS				PLASTICS			ELASTOMERS				
	ALUMINIUM	DUCTILE IRON	STAINLESS STEEL	HASTELLOY®	POLYPROPYLENE	ACETAL	PVDF (Kynar®)	NBR (Buna-N)	TPV (Santoprene®)	PTFE (Teflon®)	TPE (Hytel®)	FKM (Viton®)
POTASSIUM BISULFITE	-	-	-	-	A	-	-	A	-	A	-	A
POTASSIUM BROMIDE	C	D	A	A	A	A	A	A	A	A	-	A
POTASSIUM CARBONATE (POTASH)	C	B	A	B	A	A	A	A	A	A	D	A
POTASSIUM CHLORATE	B	C	A	B	A	A	A	A	A	A	-	A
POTASSIUM CHLORIDE	B	B	C	B	A	A	A	A	A	A	D	A
POTASSIUM CHROMATE	A	A	B	A	A	D	A	A	A	A	-	A
POTASSIUM CUPRO CYANIDE	-	-	-	-	A	C	A	-	A	A	-	A
POTASSIUM CYANIDE	D	B	A	B	A	C	A	A	A	A	B	A
POTASSIUM DICHROMATE	A	B	A	B	A	D	A	A	A	A	B	A
POTASSIUM FERRICYANIDE	B	C	B	B	A	B	A	-	-	A	-	A
POTASSIUM HYDROXIDE (CAUSTIC POTASH) (LYE)	D	C	A	B	A	A	A/66	A	A	A	A	B
POTASSIUM HYPOCHLORITE	D	D	D	B	D	D	A	B/21	-	B	-	D
POTASSIUM IODIDE	B	-	B	B	A	-	A	B	-	A	-	A
POTASSIUM NITRATE	A	B	B	B	A	B	A	A	A	A	-	A
POTASSIUM OXOLATE	B	A	B	A	-	-	-	-	-	A	-	-
POTASSIUM PERMANGANATE	B	B	B	A	B	C	A	D	A	A	D	A
POTASSIUM PHOSPHATE	D	D	B	B	-	-	-	-	-	A	-	A
POTASSIUM SALTS	-	-	-	-	-	-	-	A	-	A	-	A
POTASSIUM SULFATE	B	B	A	A	A	B	A	A	A	A	B	A
POTASSIUM SULFIDE	D	B	B	B	A	-	A	A	-	A	-	A
POTASSIUM SULFITE	A	D	B	-	A	-	A	A	-	A	-	A
POTASSIUM TRIPHOSPHATE	-	-	-	-	-	-	-	A	-	D	-	A
PRL-HIGH TEMP. HYDR. OIL	-	-	-	-	-	-	-	B/21	-	A	-	A
PRODUCER GAS	-	-	-	-	-	A	-	-	-	A	-	A
PROPANE (LIQUIFIED)	A	A	A	A	B/21	A	B/20	B	-	A	B	A
PROPANE (LPG)	A	B	A	A	D	A	A	B	C	A	B	A
PROPANE PROPIONITRILE	-	-	-	-	-	-	-	-	-	A	-	A
PROPIONALDEHYDE (PROPANOL)	A	A	A	A	-	-	-	-	-	A	-	D
PROPIONIC ACID	A	A	A	A	-	-	-	-	A	A	-	D
PROPYL ACETATE	A	-	A	A	C	A	A/21	D	B	A	-	D
PROPYL ALCOHOL	A	A	A	A	A	A	A	B	A	A	-	A
PROPYL NITRATE	B	B	A	-	C	A	D	-	B	A	-	D
PROPYLENE	A	A	A	A	A	A	A	-	B	A	-	A
PROPYLENE DICHLORIDE	D	A	A	B	-	-	-	-	-	A	-	A
PROPYLENE GLYCOL	A	B	A	B	A	D	A	A	A	A	-	A
PROPYLENE OXIDE	B	B	A	-	A/21	A	D	D	A	A	-	D
PRYANOL, TRANSFORMER OIL	-	-	-	-	-	-	-	-	-	A	-	A
P-TERTIARY BUTYL CATECHOL	C	B	B	-	-	A	-	-	B	A	-	A
PYDRAUL	-	A	A	A	-	-	-	-	-	-	-	-
PYRIDINE	B	A	B	A	C	B	D	-	A	A	C	D
PYROGALLIC ACID	-	D	A	B	-	D	A	-	-	A	-	A
PYROLIGNEOUS ACID (WOOD VINEGAR)	B	D	A	-	A	D	A	D	-	A	-	D
PYROLUBE	-	-	-	-	-	-	-	-	A	A	-	A
PYRROLE	-	-	-	-	-	-	-	-	C	A	-	D
QUARTERNARY AMMONIUM SALTS	-	-	-	-	-	-	-	-	-	A/21	-	A
QUENCH OIL	A	-	A	A	-	-	-	-	-	A/21	-	A
QUININE BISULPHATE (DRY)	D	D	B	A	D	D	D	D	-	A	-	A
QUININE SULPHATE (DRY)	D	D	A	A	D	D	D	D	-	A	-	A

MATERIAL	METALS				PLASTICS			ELASTOMERS				
	ALUMINIUM	DUCTILE IRON	STAINLESS STEEL	HASTELLOY®	POLYPROPYLENE	ACETAL	PVDF (Kynar®)	NBR (Buna-N)	TPV (Santoprene®)	PTFE (Teflon®)	TPE (Hytrel®)	FKM (Viton®)
RADIATION	-	-	-	-	-	D	-	-	-	A	-	D
RAPE SEED OIL	-	A	A	A	-	-	-	-	B	A	-	A
RED LINE 100 OIL	-	-	-	-	-	-	-	-	-	-	-	A
RESORCINOL	-	-	-	-	A	-	-	-	D	A	D	A
RJ-1 (MIL-F-25558)	-	-	-	-	-	-	-	-	-	-	-	A
ROSE OIL	-	-	A	-	-	-	-	-	A	-	-	A
ROSIN OIL	B	-	A	A	A	-	A	A	-	A	-	A
ROSIN PAPER MILL	A	D	A	A	A	B	-	-	A	A	-	A
ROSINS	A	D	A	A	A	B	-	A	A	A	-	A
ROTENONE	-	-	-	-	-	-	-	-	-	A	-	A
RP-1 (MIL-R-25576)	-	-	-	-	-	-	-	-	-	-	-	A
RUM	-	-	A	A	A	A	-	A	A	A	-	A
RUST INHIBITORS	-	C	A	-	A	A	-	A	B	-	-	A
SAL AMMONIAC	D	D	B	A	A	D	A	-	A	A	A	A
SAL SODA	D	A	A	A	-	-	-	A	B	A	-	A
SALAD DRESSING	B	D	A	-	A	A	-	D	A	-	D	D
SALICYLIC ACID	A	D	B	A	A	-	A	A	A	A	-	A
SALT WATER	D	D	C	A	A	A	A	A	A	A	-	A
SANTO SAFE 300	-	-	-	-	-	-	-	-	-	A	B	A
SEA WATER	D	D	C	A	A	A	A	A	A	A	A	A
SESAME SEED OIL	-	A	A	-	-	-	-	A	B	-	-	A
SEWAGE	B	B	A	A	A	A	A	A	A	A	A	A
SHELLAC (BLEACHED)	A	A	A	A	A	A	-	A	B	A	D	A
SHELLAC (ORANGE)	A	A	A	A	A	A	-	A	B	A	D	A
SILICATE ESTERS	-	-	-	-	-	-	-	A	B	A	C	A
SILICON TETRACHLORIDE WET	-	-	-	-	-	-	-	-	-	-	-	-
SILICONE GREASES	-	-	-	-	-	A	-	A	B	A	A	A
SILICONE OILS	B	A	A	A	A	A	A	A	C	A	B	A
SILVER BROMIDE	D	D	B	A	-	A	-	-	-	A/21	-	-
SILVER CHLORIDE	-	-	-	-	A	-	-	D	-	A/21	-	-
SILVER CYANIDE	D	A	A	A	A	-	A	A	-	A	-	A
SILVER NITRATE	D	D	A	A	A	A	A	C	A	A	D	A
SKYDROL 500	-	-	A	A	-	A	-	D	B	A	A	D
SKYDROL 7000	-	-	A	A	-	A	-	-	B	A	D	B/21
SOAP SOLUTIONS	C	D	A	A	A	A	A	A	A	A	A	A
SODIUM ACETATE	B	B	B/22	A	A	B	A	B	A	A	-	D
SODIUM ACID SULFATE	-	B	-	-	A	-	-	A	A	A	-	A
SODIUM ALUMINATE	C	A	A	A	A	A	A	A	A	A	-	A
SODIUM ALUMINIUM SULFATE	-	-	-	B	-	-	-	A	A	A	-	A
SODIUM BENZOATE	A/22	-	-	A/22	A/49	-	A/49	B	-	A/49	-	A/22
SODIUM BICARBONATE	A	C	A	B	A	A	A	A	A	A	B	A
SODIUM BICHROMATE	C	C	B	C	A	D	A	B	A	A	-	A
SODIUM BISULFATE	D	D	A	B	A	A	A	A	A	A	B	A
SODIUM BISULFITE	A	D	A	A	A	A	A	A	A	A	B	A
SODIUM BORATE (BORAX)	C	B	B	A	A/60	A	A	A	A	A	B	A
SODIUM BROMIDE	C	C	B	B	A	-	A	-	A	A	-	A
SODIUM CARBONATE (SODA ASH)	C	B	A	A	A	A	A	A	A	A	B	A
SODIUM CHLORATE	B	B	A	A	A	A	A	A	A	A	-	A

MATERIAL	METALS				PLASTICS			ELASTOMERS				
	ALUMINIUM	DUCTILE IRON	STAINLESS STEEL	HASTELLOY®	POLYPROPYLENE	ACETAL	PVDF (Kynar®)	NBR (Buna-N)	TPV (Santoprene®)	PTFE (Teflon®)	TPE (Hytre®)	FKM (Viton®)
SODIUM CHLORIDE	C	B	C	A	A	A	A	A	A	A	A	A
SODIUM CHROMATE	A	A	A	A	A	D	A	A	A	A	-	A
SODIUM CITRATE	-	-	B	B	-	-	-	D	A	-	-	-
SODIUM CYANIDE	D	B	A	A	A	B	A	A	A	A	B	A
SODIUM DICHROMATE	-	-	-	-	A	-	A	A	A	A	B	B
SODIUM FERRICYANIDE	A	D	B	B	A	-	A	A	A	A	-	A
SODIUM FLUORIDE	B	-	B	B	A	-	A	A	A	A	-	A
SODIUM HEXAMETAPHOSPHATE	C	B	-	A	-	-	-	B	-	A	-	-
SODIUM HYDROSULFATE	-	-	-	-	-	-	-	-	-	-	-	-
SODIUM HYDROXIDE, 20% (COLD)	D	B	A	B	A	A	A	B	A	A	A	A
SODIUM HYDROXIDE, 50% SOLUTION (COLD)	D	C	B	B	A	A	C	D	A	A	B	A
SODIUM HYDROXIDE, 80% SOLUTION (COLD)	D	C	D	B	A	A	C	D	-	A	D	A
SODIUM HYPOCHLORITE (<20%)	D	D	C	A	B	D	A	C	B	A	C	C
SODIUM HYPOCHLORITE (100%)	D	D	D	B	B	D	A	D	-	A	D	C
SODIUM HYPOSULFATE	D	D	A	-	-	-	-	-	-	A	-	-
SODIUM HYPOSULFITE	D	D	D	-	-	-	A	-	-	A	-	-
SODIUM METAPHOSPHATE	C	C	A	-	A/22	B	A	A	A	A	-	A
SODIUM METASILICATE	B	-	A	A	A	B	A	A	A	A	-	A
SODIUM NITRATE	A	A	A	A	A	A	A	C	A	A	B	A
SODIUM PERBORATE	D	B	A	B	A	B	A	B	A	A	B	A
SODIUM PEROXIDE (SODIUM DIOXIDE)	B	A	B	B	B	F	A	B	B	A	B	A
SODIUM PHOSPHATE	D	B	B	A	A	A	A	A	A	A	C	A
SODIUM PHOSPHATE (DIBASIC)	D	D	A	-	A	A	A	B	A	A	B	A
SODIUM PHOSPHATE (MONO)	D	D	A	-	A	A	A	A	A	A	B	A
SODIUM PHOSPHATE (TRIBASIC)	D	D	A	A	A	A	A	B	A	A	B	A
SODIUM POLYPHOSPHATE	-	-	-	-	-	-	-	-	-	-	-	-
SODIUM SILICATE (WATER GLASS)	C	B	A	B	A	C	A	A	A	A	B	A
SODIUM SULFATE (SALT CAKE)	B	A	A	B	A	B	A	A	A	A	B	A
SODIUM SULFIDE	D	A	A	B	A	B	A	A	A	A	B	A
SODIUM SULFIDE - SATURATED	D	B	B	B	A	B	A	A	A	A	B	B
SODIUM SULFITE	A	D	A	B	A	A	A	A	A	A	B	A
SODIUM TETRABORATE	A	B	A	B	A	A	A	B	A	A	B	A
SODIUM TETRAPHOSPHATE	-	-	-	-	-	-	-	-	A	-	-	-
SODIUM THIOSULFATE (ANTICHLOR)	A	C	A	B	A	B	A	A	A	A	-	-
SODIUM TRIPHOSPHATE	B	C	A	A	A	C	A	-	-	A	B	A
SORGHUM	-	A	A	A	-	A	-	A	A	-	-	A
SOY SAUCE	A	D	A	-	-	A	-	A	A	-	-	A
SOYBEAN OIL	A	A	A	A	B	B	-	A	C	A	B	A
SPELLY, SOLVENT B,C,E	-	-	-	-	-	-	-	-	-	A	-	A
SPERM OIL (WHALE OIL)	-	A	A	A	-	-	-	-	B	-	-	A
SPRY	-	-	-	-	-	-	-	-	-	-	-	A
SR-10 FUEL	-	-	-	-	-	-	-	-	-	-	-	A
SR-6 FUEL	-	-	-	-	-	-	-	-	-	-	-	A
STANNIC CHLORIDE	D	D	D	B	A	B	A	A	A	A	B	A
STANNIC FLUORBORATE	D	D	-	-	-	C	-	-	-	-	-	A
STANNOUS CHLORIDE	D	B	A	A	A	-	A	A	B	A	B	A
STARCH	A	C	A	A	A	B	-	A	A	A	B	A

MATERIAL	METALS				PLASTICS			ELASTOMERS				
	ALUMINIUM	DUCTILE IRON	STAINLESS STEEL	HASTELLOY®	POLYPROPYLENE	ACETAL	PVDF (Kynar®)	NBR (Buna-N)	TPV (Santoprene®)	PTFE (Teflon®)	TPE (Hytel®)	FKM (Viton®)
STEARIC ACID	B	-	A	A	B/22	A	A	B	A	A	B	A
STODDARD SOLVENT	A	A	A	A	A/21	A	A	B	D	A	C	A
STYRENE (VINYL BENZENE)	A	B	A	D	D	A	A	D	C	A	D	B
SUCROSE SOLUTIONS (SUGAR)	A	B	A	A	-	A	-	A	A	A	B	A
SUGAR LIQUIDS	A	A	A	A	A	A	A	A	A	A	B	A
SULFAMIC ACID	A	-	-	D	-	D	-	B	-	A	-	-
SULFATE BLACK LIQUOR	B	C	A	A	A	D	A	B	A	A	B	A
SULFATE GREEN LIQUOR	B	C	A	A	A	D	A	B	A	A	B	A
SULFATE LIQUOR	B	C	A	A	A	D	A	B	A	A	B	A
SULFITE LIQUOR	D	D	B	A	B	-	-	B	A	A	-	A
SULFUR	A	A	A	B	A	A	A	B	A	A	-	A
SULFUR CHLORIDE	B	D	B	A	C	D	A/21	D	D	A	C/21	A
SULFUR DIOXIDE	D	D	A	B	A	D	A	D	A	A	D	A
SULFUR HEXAFLUORIDE	D	D	-	D	-	D	-	C	B	A	B	C
SULFUR TRIOXIDE	D	D	B	B	D	-	C	D	D	A	D	A
SULFURIC ACID (<10%)	D	D	B	A	A	D	A	D	A	A	A	A
SULFURIC ACID, OLEUM (FUMING)	C	D	B	B	D	D	D	D	A	A	B	A
SULFURIC ACID 75%	D	D	C	B	A/22	D	A/66	D	A	A	B	A
SULFURIC ACID, CONCENTRATED	D	D	C	B	C/22	D	A/49	D	B	A	C	A
SULFUROUS ACID	D	D	B	B	A	D	A	D	-	A	D	D
SUNSAFE (FIRE RESIST. HYDR. FLUID)	-	-	-	-	-	-	-	B	D	A	A	A
SYRUP	A	-	A	-	A	A	-	A	A	-	-	A
TALL OIL	D	C	B	A	A	-	A	A	D	A	-	A
TALLOW	A	-	A	-	B/21	A	-	B	B	A	-	A
TANNIC ACID	D	C	A	B	A	D	A	A	A	A	A	A
TANNIN	-	-	-	-	-	A	-	A	-	A	-	-
TANNING LIQUORS	A	-	A	A	A	D	A	A	-	A	-	A
TANNING OILS	A	-	A	A	A	D	A	-	-	A	-	A
TAR AND TAR OIL	A	C	B	-	A	A	A	-	-	A	C	-
TAR, BITUMINOUS	A	-	A	A	A	A	-	B	B	A	B	A
TARTARIC ACID	A	D	A	A	A	D	A	B	A	A	B	A
TERPENE MONOCYCLIC	A	D	-	-	-	-	-	-	-	A	-	A
TERPINEOL	A	A	A	A	D	-	B/49	D	B	A	-	A
TERTIARY BUTYL ALCOHOL	-	-	-	-	B	A	-	D	B	A	-	A
TERTIARY BUTYL MERCAPTAN	-	-	-	-	-	B	-	-	B	A	-	A
TETRA BROMOETHANE	D	-	-	-	D	-	-	D	D	A	-	A
TETRABUTYL TITANATE	-	-	-	-	-	-	-	-	B	A	-	A
TETRACHLORODIFLUORETHANE	-	-	-	-	-	-	-	D	D	A	-	-
TETRACHLOROETHYLENE	D	A	A	-	D	A	A/49	D	D	A	-	A
TETRAETHYL LEAD	B	A	A	-	A	-	A	B	C	A	B	A
TETRAETHYLENE GLYCOL	-	-	-	-	-	-	-	-	-	A	-	A
TETRAHYDROFURAN	-	-	A	A	C	A	B/21	D	B	A	B	D
TETRALIN	A	A	A	A	D	-	-	D	C	A	-	A
THIOL TP-90B	-	-	-	-	-	-	-	-	-	-	-	A
THIONYL CHLORIDE	C	D	D	A	B	B	D	-	-	-	-	-
THIOPHENE	-	-	-	-	-	-	-	D	D	A	-	C
TIN TETRACHLORIDE	D	D	D	A	A	-	A	A	-	A	-	-
TITANIUM TETRACHLORIDE	D	A	B	B	D	-	B	C	D	A	-	A

MATERIAL	METALS				PLASTICS			ELASTOMERS				
	ALUMINIUM	DUCTILE IRON	STAINLESS STEEL	HASTELLOY®	POLYPROPYLENE	ACETAL	PVDF (Kynar®)	NBR (Buna-N)	TPV (Santoprene®)	PTFE (Teflon®)	TPE (Hytel®)	FKM (Viton®)
TOLUENE (TOLUOL)	A	A	A	A	D	A	A	C	D	A	C	B
TOLUENE DI-ISOCYANATE (HYLENE)	-	-	-	-	-	C	-	-	B	A	B	C
TOLUIDINE	A	A	A	A	-	-	-	-	-	A	-	B/21
TOMATO PULP & JUICE	B	-	A	A	A	A	A	A	A	A	-	A
TOOTHPASTE	-	D	-	A	-	-	-	A	-	A	-	-
TP-95	-	-	-	-	-	-	-	-	-	-	-	A
TRANSFORMER OILS	A	A	A	A	B/21	A	A	B	D	A	-	A
TRANSMISSION FLUID, TYPE A	A	A	A	A	-	A	-	-	C	A	B	A
TRIACETIN	B	-	-	-	-	-	-	-	A	A	-	D
TRIARYL PHOSPHATE	-	-	-	-	B	-	A	D	-	A	-	A
TRIBUTOXYL ETHYL PHOSPHATE	-	-	-	-	-	-	-	-	B	A	-	A
TRIBUTYL MERCAPTAN	-	-	-	-	-	-	-	-	B	A	-	A
TRIBUTYL PHOSPHATE	A	A	A	-	B	-	A	D	B	A	C	D
TRICHLORACETIC ACID	D	D	D	B	B/60	D	A/21	D	B	A	D	D
TRICHLOROBENZENES	D	A	A	B	-	-	-	-	-	A	-	A
TRICHLOROETHANE	D	A	A	A	D	A	B/66	D	D	A	D	A
TRICHLOROETHYLENE (TRIAD)	B	B	B	B	C/21	B	A	D	D	A	D	C
TRICHLOROMONOFUOROETHANE (FREON 17)	A	-	A	A	-	-	-	D	-	-	-	-
TRICHLOROPROPANE	D	A	A	A	D	A	-	D	D	A	-	A
TRICHLOROTRIFLUOROETHANE (FREON 113)	A	A	A	A	A	-	A	A	D	A	A	A
TRICRESYL PHOSPHATE	D	A	A	A	B	C	D	D	B	A	C	A
TRIDECYL ALCOHOL (TRIDECANOL)	-	-	-	-	-	-	-	-	-	A/49	-	B/21
TRIETHANOL AMINE	B	A	A	A	A/21	A	A	D	A	A	C	D
TRIETHYL ALUMINIUM	-	-	-	-	-	-	-	-	B	A	D	B/21
TRIETHYL AMINE	-	A	A	A	C	A	A/49	D	D	A	-	A
TRIETHYL BORANE	-	-	-	-	-	-	-	-	B	A	-	A
TRIETHYLENE GLYCOL (TEG)	-	-	-	-	A	-	-	A	-	A	-	A
TRIFLUOROETHANE	-	-	-	-	-	-	-	-	-	A	-	A
TRIMETHYLENE GLYCOL	-	-	-	-	-	-	-	-	-	A	-	A
TRINITROTOLUENE (TNT)	-	-	-	-	-	-	-	-	A	A	-	B/21
TRIOCTYL PHOSPHATE	-	-	-	-	-	-	-	-	B	A	-	B
TRIPHENYL PHOSPHITE	-	-	-	-	-	-	-	D	-	A	-	C/21
TRISODIUM PHOSPHATE	D	A	B	A	A	D	A	A	A	A	A	A
TUNG OIL	A	B	A	A	A	-	A	D	B	A	B	A
TURBINE OIL	-	-	-	-	-	-	-	-	-	A	-	A
TURBINE OIL #15 (MIL -L-7808A)	-	-	-	-	-	-	-	-	-	A	-	A
TURBO OIL #35	-	-	-	-	-	-	-	-	-	-	-	A
TURPENTINE	A	B	A	B	B/49	A	A	B	D	A	B	A
TYPE 1 FUEL (MIL-S-3136)	-	-	-	-	-	-	-	-	D	A	A	A
TYPE 11 FUEL (MIL-S-3136)	-	-	-	-	-	-	-	-	D	A	-	A
TYPE 111 (FUEL MIL-S-3136)	-	-	-	-	-	-	-	-	D	A	A	A
UNIVIS 40 (HYDR. FLUID)	-	-	-	-	-	-	-	-	D	A	-	A
UNIVOLT #35 (MINERAL OIL)	-	-	-	-	-	-	-	-	C	A	-	A
UNSYMMETRICAL DIMETHYL HYDRAZINE	B	A	A	-	-	-	A/21	-	B	A	-	D
UREA (CARBAMIDE)	B	-	B	B	A	A	A	B	A	A	B	A
URIC ACID	D	-	B	B	D	D	D	-	-	A	D	-
URINE	B	B	A	A	A	C	A	A	A	A	-	A
VALERIC ACID	A	-	-	-	-	-	-	-	-	A	-	-

MATERIAL	METALS				PLASTICS			ELASTOMERS				
	ALUMINIUM	DUCTILE IRON	STAINLESS STEEL	HASTELLOY®	POLYPROPYLENE	ACETAL	PVDF (Kynar®)	NBR (Buna-N)	TPV (Santoprene®)	PTFE (Teflon®)	TPE (Hytre®)	FKM (Viton®)
VANILLA EXTRACT	-	-	A	-	-	-	-	-	A	A	-	-
VARNISH	A	-	A	A	A	-	A	B/21	D	A	-	A
VEGETABLE JUICES	C	-	A	-	-	A	-	-	A	D	-	A
VEGETABLE OIL	A	B	A	A	A	A	A	A	A	A	-	A
VERSILUBE	-	-	-	-	-	-	-	-	-	A	-	A
VERSILUBE F-50	-	-	-	-	-	-	-	-	-	A	-	A
VINEGAR	D	C	A	A	A	B	A	B	A	A	C	A
VINYL ACETATE	B	A	A	A	B/27	-	A	D	B	A	-	A
VINYL CHLORIDE (CHLOROETHYLENE)	D	B	A	A	D	-	A	-	-	A	-	A
WALNUT OIL	-	-	-	-	-	-	-	-	-	A	-	A
WATER, ACID MINE	D	D	A	A	A	A	A	A	A	A	-	A
WATER, DISTILLED	B	D	A	A	A	A	A	A	A	A	-	A
WATER, FRESH	A	B	A	A	A	A	A	A	A	A	A	B
WATER, SALT	D	D	C	-	A	A	A	A	A	A	A	A
WATER-BRINE, PROCESS, BEVERAGE	-	-	-	-	-	-	-	-	A	D	-	A
WAXES	D	D	D	A	D	A	D	D	-	A	-	A
WEMCO	-	-	A	-	-	A	-	-	-	A	-	A
WHEY	B	-	A	-	-	-	-	A	A	-	-	A
WHISKEY AND WINES	D	D	A	A	A	A	A	A	A	A	B	A
WHITE LIQUOR (PULP MILL)	-	-	-	-	-	-	-	A	A	A	-	A
WHITE OIL	-	-	A	A	-	A	-	-	C	A	-	A
WHITE PINE OIL	-	-	-	-	-	A	-	-	A	A	D	A
WINES	D	D	A	A	A	A	A	A	A	A	B	A
WOLMAR SALT	-	-	-	-	-	-	-	-	-	A	-	A
WOOD ALCOHOL	-	-	-	-	-	-	-	-	-	A	-	D
WOOD OIL	A	A	A	-	-	-	-	-	-	A	A	A
WOOD PULP	C	C	A	-	-	-	-	-	-	A	-	-
WORT, DISTILLERY	A	B	A	A	-	-	-	-	-	-	-	A
XYLENE (XYLOL)	A	A	A	A	B	A	A	C	D	A	B	A
ZEOLITES	-	-	A	A	-	-	-	-	A	A	-	A
ZINC ACETATE	C	-	A	-	A	-	A	B	A	A	-	B
ZINC CARBONATE	B	B	B	B	-	-	-	A	A	A	-	A
ZINC CHLORIDE	D	D	C	A	A	D	A	A	A	A	A	A
ZINC CYANIDE	-	-	A	-	A	-	-	-	-	A	-	-
ZINC HYDROSULPHITE	D	-	A	-	-	C	A	A	A	D	-	-
ZINC SALTS	-	-	-	-	A	-	A	A	A	A	-	A
ZINC SULFATE	D	D	A	A	A	C	A	A	A	A	C	A



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