

The ratings given on the following pages are a guide and do not constitute a warranty of any kind, expressed or implied, with respect to the performance of the materials in any specific application. More information on application of materials one can find during the training:

<https://www.bnt-sigma.pl/Projektowanie-maszyn-czyszczenie-cip-dezynfekcja-pasywacja>

A: Minor effect B: Minor to moderate effect C: Moderate to severe effect D: Not recommended -: No data	ELASTOMERS						METALS		PLASTICS				
	NBR	Neoprene	EPDM	Poliurethan	PTFE (Teflon)	FKM (VITON)	Aluminum	SS 316	Nylon	PE	PP	PVC	PVDF
ACETALDEHYDE	D	D	A	D	A	D	B	A	B/70	C	C	D	D
ACETAMIDE	A	A	A	D	A	A	A	A	B/120	A/70	A/70	D	A/140
ACETATE SOLV	D	D	C	D	A	-	B	A	A	B/72	B/72	D	A
ACETIC ACID, GLACIAL	D	D	B	C	A	D	B	A	D	D	A/100	D	A/120
ACETIC ACID	C	C	A	C	A	C	B	A	D	A/120	B/70	D	A
ACETIC ANHYDRIDE	D	B	B	D	A	D	B	A	D	D	C	D	B/70
ACETONE	D	D	A	D	A	D	A	A	B/120	B/70	D	D	D
ACETOPHENONE	D	D	A	D	A	D	B	B	A	-	A/70	-	A/70
ACETYL CHLORIDE	D	D	C	D	A	B	D	B	D	D	-	C	A/120
ACETYLENE	A	B	A	-	A	A	A	A	A	D	B/72	A	A
ACRYLONITRILE	D	D	D	-	A	D	B	A	B/70	A	B	B	A/70
ADIPIC ACID	B	D	-	-	A	-	B	B	-	A	B	A	B
ALCOHOLS													
AMYL	B	B	A	C	A	B	B	A	A	B/120	B	A	A
BENZYL	D	B	C	-	A	A	B	A	D	D	A/70	D	A
BUTYL	A	A	A	D	A	A	B	A	A	A	B	A	A
DIACETONE	D	D	B	B	A	D	A	A	A	B/72	B/72	B	A/70
ETHYL	A	A	A	D	A	A	B	A	B	B	A	C	A
HEXYL	A	B	B	D	A	A	A	A	A	A	A/70	A	A
ISOBUTYL	C	A	A	D	A	A	B	A	B/70	A/120	-	A	A
ISOPROPYL	C	B	B	D	A	A	B	A	B/70	A/120	A	A	A/150
METHYL	A	A	B	D	A	D	B	A	B/70	A/70	A/120	A	A
OCTYL	B	B	A	D	A	A	A	A	A	A	-	-	-
PROPYL	A	A	B	D	A	A	A	A	B	A/120	A	A	A/120
ALKAZENE	D	D	D	B	A	A	-	-	-	-	-	-	-
ALUM-NH3-CR-K	A	A	A	-	A	D	-	-	-	-	-	-	A
ALUMINUM ACETATE	C	B	A	D	A	D	A	B	-	-	-	-	-
ALUMINUM CHLORIDE 20%	A	A	A	B	A	A	B	C	D	B/120	A	A	A
ALUMINUM FLUORIDE	A	A	B	C	A	-	B	C	B/70	A/70	A	A	A
ALUMINUM HYDROXIDE	A	A	A	-	A	A	A	A	B/70	A/120	A	A	A
ALUMINUM NITRATE	A	A	A	C	A	A	B	A	B/70	A/120	A	B	A
ALUMINUM PHOSPHATE	A	A	A	-	A	A	-	A	-	-	-	-	-
ALUMINUM POTASSIUM SULFATE (ALUM)	A	A	A	-	A	A	B	A	D	A/120	A	A	A
ALUMINUM SULFATE	A	A	A	D	A	A	C	A	A/120	A/120	A	A	A
AMINES	D	B	-	D	-	D	A	A	D	C/70	-	D	-
AMMONIA, ANHYDROUS	B	A	A	D	A	D	B	A	B/70	B/120	A/70	A	D
AMMONIA, GAS (COLD)	A	A	D	-	A	A	-	-	-	-	B	-	D
AMMONIA, GAS (HOT)	C	B	C	-	A	D	-	-	-	-	-	-	-
AMMONIA, LIQUIDS	B	A	A	B	A	D	D	A	B/70	C/70	A/70	A	A
AMMONIA NITRATE	A	C	-	D	-	-	C	A	D	A	A	B	A
AMMONIUM BIFLUORIDE	A	A	-	-	A	A	D	A	-	A/120	A/70	A	A
AMMONIUM CARBONATE	D	A	A	-	A	B	C	A	A	B/120	A	A	A
AMMONIUM CASENITE	-	A	-	-	-	-	-	A	-	-	-	-	-
AMMONIUM CHLORIDE	A	A	A	A	A	A	C	C	C	A/120	A	A	A
AMMONIUM FLUORIDE	-	-	-	-	-	-	-	-	-	-	-	-	-
AMMONIUM HYDROXIDE	B	A	A	D	A	B	C	A	A	A/70	A	A	A
AMMONIUM NITRATE	A	A	A	D	A	B	B	A	B	A/70	A	A	A
AMMONIUM NITRITE	A	A	A	-	A	-	-	-	-	-	A/70	-	A
AMMONIUM OXALATE	A	A	-	-	-	-	-	A	-	-	-	A	-
AMMONIUM PERSULFATE	D	A	B	D	A	A	C	A	D	A/120	A	A	A
AMMONIUM PHOSPHATE, DIBASIC	A	A	A	-	A	A	B	A	D	A/120	A	A	A
AMMONIUM PHOSPHATE, MONOBASIC	A	A	A	-	A	A	B	A	B	A	A	A	A
AMMONIUM PHOSPHATE, TRIBASIC	A	A	A	-	A	A	B	A	B	C	A	A	A
AMMONIUM SULFATE	A	A	A	A	A	D	B	A	B/70	A/70	A	A	A
AMMONIUM THIO-SULFATE	A	A	A	-	A	-	-	A	-	A	-	-	-
AMYL-ACETATE	D	D	B	D	A	D	B	A	C	C/70	C/70	D	A/120
AMYL-ALCOHOL	B	B	A	D	A	B	B	A	B/70	B/120	B	A	A
AMYL-BORATE	A	B	D	-	A	A	-	-	-	-	-	-	-
AMYL-CHLORIDE	D	D	D	-	A	A	D	A	D	D	D	D	A
AMYL-CHLORONAPHTHALENE	B	D	D	D	A	A	-	-	-	-	-	-	-
AMYL-NAPHTHALENE	D	D	D	D	A	A	-	-	-	-	-	-	-
ANILINE	D	D	-	-	A	D	C	A	C	C	B	C	C/70
ANILINE DYES	C	B	A	D	A	A	B	B	-	-	-	-	-

ANILINE HYDROCHLORIDE	C	D	B	D	A	B	D	D	D	D	-	B	A
ANIMAL FATS	A	B	A	B	A	A	A	A	-	-	-	-	-
ANSUL ETHER	C	D	C	B	A	D	-	-	-	-	-	-	-
ANTI-FREEZE	A	C	-	-	-	A	A	A	D	-	A	A	-
AQUA REGIA (80% HCl, 20% HNO3)	D	D	C	D	A	C	D	D	D	B/70	B	C	A/70
AROCHLOR(S)1248	D	D	C	-	A	A	A	A	A	B/70	C/70	-	-
AROMATIC HYDROCARBONS	D	D	D	D	A	A	A	A	A	C	D	D	-
ARSENIC ACID	A	A	A	C	A	A	D	A	C	B/120	A	A	A
ARSENIC TRICHLORIDE	C	A	D	-	A	D	D	D	-	-	-	-	-
ASKAREL	B	C	D	D	A	A	-	-	-	-	-	-	-
ASPHALT	B	B	D	B	A	A	C	A	A	A/70	A	A	A
BARIUM CARBONATE	A	-	A	-	A	A	B	A	B/70	B/120	A	A	A
BARIUM CHLORIDE	A	A	A	A	A	A	D	C	B/120	A/70	A	A	A
BARIUM CYANIDE	C	A	-	-	-	A	C	A	-	B	-	D	-
BARIUM HYDROXIDE	A	A	A	A	A	A	D	A	B/70	B/120	A	A	A
BARIUM NITRATE	A	A	-	-	-	A	B	A	B/70	B/120	-	A	-
BARIUM SULFATE	A	-	A	A	A	A	D	A	B/70	B/120	A	B	A
BARIUM SULFIDE	A	A	A	A	A	A	D	A	B/70	B/120	A	A	A
BEER	A	A	A	D	A	A	A	A	B/70	A/120	B/70	A	A/175
BEET SUGAR LIQUIDS	A	B	A	D	A	A	A	A	A	A/70	A	A	A
BEET SUGAR LIQUORS	A	A	A	D	A	A	A	A	-	-	-	-	-
BENZALDEHYDE	D	D	B	D	A	D	B	A	C	A/70	D	D	A/70
BENZENE	D	D	D	D	A	A	B	A	A	C/70	B/72	C	A/70
BENZENESULFONIC ACID	C	A	C	D	A	A	D	B	D	A/70	-	A	A/70
BENZYL BENZOATE	D	D	B	-	A	A	A	B	-	-	-	-	-
BENZYL CHLORIDE	D	D	D	D	A	C	D	B	A	-	D	-	C
BENZOIC ACID	D	D	B	D	A	A	B	A	D	A/70	B	A	A
BENZOL	D	D	D	D	A	D	B	A	D	C/70	D	-	A/70
BLAST FURNACE GAS	C	A	B	D	A	A	-	-	-	-	-	-	-
BLEACH SOLUTIONS	D	D	A	D	A	A	D	-	-	A/70	B	-	-
BORAX (SODIUM BORATE)	B	D	A	A	A	A	C	A	A	A/120	A	A	A
BORDEAUX MIXTURE	A	A	A	D	A	A	D	A	-	-	-	-	-
BORIC ACID	A	A	A	A	A	A	B	A	B	A/120	A	A	A
BRINE	A	A	A	A	A	A	C	-	-	-	A	-	A
BREWERY SLOP	A	A	-	-	-	A	-	A	-	-	-	-	-
BROMINE	D	D	C	D	A	A	D	D	D	D	B/72	C	A/150
BROMINE-ANHYDROUS	-	D	C	D	A	A	D	D	D	-	D	-	A/150
BROMINE-TRIFLUORIDE	D	D	D	D	A	D	D	B	-	-	D	-	-
BROMINE-WATER	-	B	-	D	A	A	D	B	-	-	D	-	A
BROMOBENZENE	D	D	D	D	A	B	D	B	-	-	D	-	-
BUNKER OIL	A	B	D	B	A	A	A	A	-	-	-	-	-
BUTADIENE	A	B	C	D	A	A	A	A	-	D	-	C	A
BUTANE	A	B	C	A	A	A	A	A	B/70	C/70	B/72	C	A/200
BUTTER	A	B	A	A	A	A	A	A	-	-	-	-	-
BUTTERMILK	A	A	-	-	-	A	A	A	B/70	A/70	-	A	-
BUTYL ACETYL RICINOLEATE	A	B	D	D	A	A	A	A	-	-	-	-	-
BUTYL ACETATE	D	D	B	C	A	D	A	C	A	C/70	D	D	A/70
BUTYL ACRYLATE	D	D	D	-	A	D	-	-	-	-	D	-	A/70
BUTYL AMINE	B	D	D	D	A	D	A	-	A	-	-	D	B/70
BUTYL BENZOATE	-	D	B	-	A	A	B	B	-	-	-	-	-
BUTYL CARBITOL	A	B	A	-	A	A	-	-	-	-	-	-	-
BUTYL CELLOSOLVE	B	C	A	D	A	C	-	-	-	-	-	-	-
BUTYL OLEATE	-	D	B	-	A	A	-	-	-	-	-	-	-
BUTYL STEARATE	A	D	B	-	A	A	B	B	-	-	-	-	-
BUTYLENE	B	-	D	D	A	A	A	A	B/70	B/70	D	A	A
BUTRALDEHYDE	D	C	B	C	A	D	-	-	-	-	D	-	B
BUTYRIC ACID, AQUEOUS	D	D	C	-	A	D	B	A	B/70	D	A	B	A
CALCIUM BISULFIDE	A	A	-	A	-	A	C	B	A	B/70	A	A	A
CALCIUM CARBONATE	A	A	A	-	A	A	C	A	A	B/70	A	A	A
CALCIUM CHLORIDE	A	A	A	A	A	A	C	C	B/70	B/70	A	C	A
CALCIUM HYDROXIDE	A	A	A	A	A	A	C	A	A/120	A/120	A	B	A
CALCIUM HYPOCHLORITE	B	B	B	D	A	A	C	A	C	A/70	A	B	A
CALCIUM NITRATE	A	A	A	A	A	A	B	B	D	A/70	A	A	A
CALCIUM SULFATE	A	D	A	-	A	A	B	A	D	B/70	A	B	A
CALCIUM SULFIDE	A	B	A	A	A	A	A	B	-	-	A/120	-	A
CALGON	A	A	-	-	-	A	-	A	A	-	A	-	-
CANE JUICE	A	A	-	D	-	-	B	A	A	-	B/72	A	A
CANE SUGAR LIQUORS	A	A	A	D	A	A	A	A	-	-	A	-	-
CARBAMATE	C	B	B	D	A	A	-	-	-	-	-	-	-
CARBITOL	B	B	B	D	A	A	B	B	-	-	C	-	A
CARBOLIC ACID (SEE PHENOL)	D	C	C	C	A	A	B	A	C	D	C	D	A/70
CARBON BISULFIDE	D	D	D	C	A	A	A	A	A	-	B/72	D	A
CARBON DIOXIDE	A	B	A	A	A	B	A	A	B/70	A/70	A	A	A
CARBON DISULFIDE	D	D	D	C	A	A	C	A	B/70	C/70	B/72	D	A/70
CARBON MONOXIDE	A	B	C	A	A	A	A	A	A	A/120	A	A	B
CARBON TETRACHLORIDE	C	D	D	C	A	A	D	A	D	D	B/72	D	A

CARBONATE WATER	A	A	-	-	-	A	A	A	A	A	A	A	A
CARBONIC ACID	B	A	A	A	A	A	A	B	B/70	B/120	A	A	A
CATSUP (KETCHUP)	A	C	-	-	-	A	D	A	A	-	A	A	-
CELLOSOLVE	C	C	A	D	A	B	B	B	A	-	A	-	A
CELLOSOLVE ACETATE	C	D	A	D	A	A	-	-	-	-	-	-	A/120
CELLULUBE	D	D	A	D	A	A	-	-	-	-	-	-	-
CHLORACETIC ACID	D	D	B	D	A	D	D	C	D	-	B/72	-	A
CHLORINATE GLUE	C	D	-	-	-	A	D	A	-	-	-	-	-
CHLORINE (DRY)	D	D	C	D	A	A	D	-	D	D	D	D	A
CHLORINE (WET)	D	D	D	D	A	A	D	D	C	B/70	D	-	A
CHLORINE, ANHYDROUS LIQUID	D	D	-	-	A	A	D	D	C	D	D	D	A
CHLORINE DIOXIDE	D	D	C	-	A	A	D	D	-	-	-	-	A
CHLORINE TRIFLUORIDE	D	D	D	D	A	C	D	A	-	-	-	-	-
CHLOROACETONE	D	C	D	D	A	B	D	B	-	D	D	-	-
CHLOROBENZENE (MONO)	D	D	D	D	A	A	D	A	B/70	D	D	D	A/150
CHLOROBROMOMETHANE	D	D	B	D	A	A	D	B	-	A	D	D	-
CHLOROBUTADIENE	D	D	D	D	A	A	D	A	-	-	D	-	-
CHLORODODECANE	D	D	D	D	A	A	D	-	-	-	D	-	-
CHLOROFORM	D	D	D	C	A	A	D	A	D	C/70	D	D	A
1-CHLORONAPHTHALENE	D	D	D	-	A	A	D	B	-	-	D	-	-
1-CHLORO 1-NITRO ETHANE	D	D	D	D	A	C	D	-	-	-	D	-	-
CHLOROSULFONIC ACID	D	D	D	D	A	D	D	D	D	D	D	D	D
CHLOROTOLUENE	D	D	D	D	A	A	D	B	-	-	D	-	-
CLOROX (BLEACH)	C	B	-	D	A	A	D	A	A	-	B	A	-
CHOCOLATE SYRUP	A	-	-	-	-	A	A	A	A	-	A	-	-
CHROMIC ACID 5%	D	D	A	D	A	A	C	A	D	D	A/70	A	A/120
CHROMIC ACID 50%	D	D	C	D	A	A	C	B	C	D	A/70	D	A/120
CHROME PLATING SOLUTIONS	D	D	D	D	A	A	D	D	-	-	B	-	A
CIDER	A	A	-	-	-	A	B	A	-	B	-	A	-
CITRIC ACID	A	A	A	A	A	A	C	A	B/70	D	A	B	A
CITRIC OILS	A	D	B	-	A	A	C	A	-	-	A	-	-
COBALT CHLORIDE (2N)	A	A	C	D	A	A	D	-	-	-	A	-	-
COFFEE	A	A	-	D	-	A	A	A	A	-	A	-	-
COKE OVEN GAS	C	C	D	D	A	A	-	-	-	-	-	-	-
COPPER ACETATE	B	B	A	D	A	-	D	C	-	-	-	-	-
COPPER CHLORIDE	A	B	A	A	A	A	D	D	A	-	A	A	A
COPPER CYANIDE	A	A	A	A	A	A	D	A	B/70	B/120	A	A	A
COPPER FLUOBORATE	B	A	-	-	-	A	D	D	-	-	-	A	-
COPPER NITRATE	A	A	A	A	A	A	D	A	C	B/120	A	A	A
COPPER SULFATE (5% SOLUTION)	A	A	A	A	A	A	D	A	C	A/120	A	A	A
CREAM	A	C	-	-	-	A	A	A	A	-	A	-	-
CRESOLS	D	D	D	D	A	A	B	A	D	C/70	D	D	A/150
CRESYLIC ACID	D	D	D	D	A	A	C	A	D	B/70	C	D	A/150
CYCLOHEXANE	A	D	D	B	A	A	A	A	A	B/70	D	D	A
CYCLOHEXANOL	B	A	C	-	A	A	C	B	B	-	B	-	A/150
CYCLOHEXANONE	D	D	C	D	A	D	B	B	A	D	D	D	B/70
CYANIC ACID	C	D	-	-	-	-	-	A	-	-	-	-	-
DECALIN (DEKLIN)	D	D	D	D	A	A	-	-	-	-	B/120	-	A/175
DECANE	B	D	C	B	A	A	-	-	-	-	A/70	-	-
DENATURED ALCOHOL	A	B	A	-	B	B	A	A	-	-	A	-	A
DETERGENTS	A	B	A	-	A	B	A	A	A	D	A	A	-
DEVELOPING FLUIDS	A	A	A	-	A	A	-	B	-	-	-	-	-
DIACETONE	D	-	A	-	D	B	A	A	A	A	D	-	A/70
DIBENZYL ETHER	D	D	C	-	C	C	B	B	-	-	-	-	-
DIBENZYL SEBECATE	D	D	B	-	B	C	-	-	-	-	-	-	-
DIBUTYLAMINE	C	D	D	-	B	B	-	-	-	-	D	-	-
DIBUTYL ETHER	B	C	C	-	C	B	B	B	-	-	D	-	A/20
DIBUTYL PHTHALATE	D	D	A	A	B	B	A	A	A	-	C	-	D
DIBUTYL SEBECATE	D	D	B	A	B	B	-	A	-	-	B/72	-	D
O-DICHLOROBENZENE	D	D	D	-	A	D	D	B	-	-	B/70	-	A/150
DICHLORO-ISOPROPYL ETHER	D	D	C	-	C	D	D	-	-	-	D	-	-
DICYCLOHEXYLAMINE	D	D	D	-	B	B	-	-	-	-	-	-	-
DIESEL FUEL	A	D	D	-	A	C	A	A	A	C/70	B/70	A	A
DIETHYL BENZENE	D	D	D	-	A	C	-	-	-	-	-	-	-
DIETHYL ETHER	B	C	D	-	D	B	B	B	C	-	-	D	A/70
DIETHYL SEBECATE	D	D	B	-	A	B	A	A	-	-	A/120	-	A/120
DIETHYLAMINE	B	B	-	-	D	B	A	A	B/70	D	C	D	A/70
DIETHYLENE GLYCOL	A	A	A	-	A	A	B	A	B/70	B/120	-	C	A
DIISOBUTYLENE	B	C	-	-	A	C	B	B	-	-	-	-	A
DIISOPROPYL BENZENE	D	D	D	-	A	C	-	-	-	-	-	-	-
DIISOPROPYL KETONE	D	D	A	-	D	C	-	-	-	-	-	-	-
DIMETHYL ANILINE	D	D	B	-	C	B	A	-	A	-	A	D	A/70
DIMETHYL FORMAMIDE	C	D	-	-	A	A	A	A	A	A	A/120	D	D
DIMETHYL PHTHALATE	D	D	B	-	C	A	-	B	C	-	A/70	-	A/70
DINITROTOLUENE	D	D	D	-	B	B	-	-	-	-	-	-	-
DIOCTYL PHTHALATE	D	D	B	A	A	C	A	A	A	-	-	-	-

DIOCTYL SEBECATE	D	D	B	-	B	C	-	-	-	-	-	-	-
DIOXANE	D	D	A	-	D	C	B	A	A	-	C/120	-	C/120
DIOXOLANE	D	D	C	-	B	C	-	-	-	-	-	-	-
DIPENTENE	C	D	D	-	A	C	A	A	-	-	-	-	-
DIPHENYL	D	D	D	-	A	C	A	B	-	-	-	-	A/120
DIPHENYL OXIDE	D	D	D	-	A	C	B	A	-	-	-	D	B
DOWTHERM OIL	-	D	D	-	A	D	C	A	A	-	-	-	-
DRY CLEANING FLUIDS	C	D	D	-	A	D	A	A	-	-	D	-	-
DYES	-	C	-	-	A	B	B	A	A	-	-	B	-
EPICHLOROHYDRINE	D	D	B	D	D	B	D	A	A	-	B/70	-	D
EPSOM SALTS (MAGNESIUM SULFATE)	A	A	A	-	A	A	A	A	B/70	A/120	A	A	A
ETHANE	A	B	D	-	A	C	A	A	D	-	-	A	A
ETHANOLAMINE	B	B	B	-	D	A	B	A	A	-	D	D	C
ETHER	D	D	D	-	C	C	A	A	A	D	C	D	A/70
ETHYL ACETATE	D	D	B	B	D	C	B	A	B/120	A	B/72	D	D
ETHYL ACETOACETATE	D	D	B	-	D	C	A	-	-	-	-	-	A/70
ETHYL ACRYLATE	D	D	B	-	D	C	A	A	-	-	D	-	C
ETHYL BENZENE	D	D	D	-	A	C	A	B	-	-	D	-	C
ETHYL BENZOATE	D	D	B	-	A	C	A	A	-	C/120	-	D	D
ETHYL CELLOSOLVE	C	C	A	-	B	B	-	-	-	-	-	-	-
ETHYL CHLORIDE	A	A	C	D	A	C	D	A	B/70	C/70	D	D	A
ETHYL CHLOROCARBONATE	-	C	-	D	A	A	D	-	-	-	-	-	-
ETHYL CHLOROFORMATE	-	C	-	D	A	C	D	-	-	-	D	-	-
ETHYL ETHER	B	D	D	-	D	C	C	A	B/70	D	C	D	A
ETHYL FORMATE	D	B	B	-	C	B	C	B	-	-	-	-	-
ETHYL MERCAPTAN	D	D	D	-	B	C	B	B	-	-	-	-	-
ETHYL OXALATE	D	D	A	-	B	B	A	-	-	-	-	-	-
ETHYL PENTACHLOROBENZENE	D	D	D	-	A	D	D	-	-	-	D	-	-
ETHYL SILICATE	A	A	A	-	A	B	B	A	-	-	-	-	-
ETHYL SULFATE	A	-	-	-	A	B	-	D	-	-	-	-	-
ETHYLENE	B	-	C	-	A	C	A	A	-	-	-	-	-
ETHYLENE CHLORIDE	D	D	C	-	A	D	D	A	B/70	D	B/72	D	A
ETHYLENE CHLOROHYDRIN	D	B	A	-	B	C	D	B	D	D	D	D	A/70
ETHYLENE DIAMINE	B	A	A	-	D	A	D	A	B/70	A	A	D	D
ETHYLENE DICHLORIDE	D	D	B	D	A	D	D	A	B/70	D	D	D	A
ETHYLENE GLYCOL	A	A	A	A	A	A	A	A	B/70	A/120	A/120	A	A
ETHYLENE OXIDE	D	D	D	A	D	A	A	-	A/70	A	D	D	A
ETHYLENE TRICHLORIDE	D	D	D	-	A	D	D	A	-	-	D	-	A
FATTY ACIDS	C	B	D	-	A	B	B	A	B/70	D	B/70	A	A
FERRIC CHLORIDE	A	B	A	B	A	A	D	D	C	A/70	A	A	A
FERRIC NITRATE	A	A	A	-	A	A	D	A	C	A/120	A	A	A
FERRIC SULFATE	B	A	A	-	A	A	D	A	C	A/120	A	A	A
FERROUS CHLORIDE	B	A	A	-	A	A	D	D	D	A/120	A	A	A
FERROUS SULFATE	B	A	A	-	A	A	D	A	D	A/120	A	A	A
FISH OIL	A	-	-	-	A	B	-	-	-	-	-	-	-
FLUOBORIC ACID	B	A	A	-	A	A	D	B	D	A/120	A	A	A
FLUORINE (LIQUID)	D	D	C	-	B	D	D	A	D	D	D	D	A/70
FLUOROBENZENE	D	D	D	-	A	C	D	-	-	-	D	-	-
FLUOROCARBON OILS	-	-	A	-	-	D	D	-	-	-	D	-	-
FLUOROLUBE	C	A	A	-	B	D	-	-	-	-	-	-	-
FLUORINATE CYCLIC ETHERS	-	-	-	-	-	D	D	-	-	-	D	-	-
FLUOSILICIC ACID	A	A	B	B	-	A	D	B	D	A/120	A	D	-
FORMALDEHYDE	C	D	A	B	A	B	A	A	D	B	A	A	A/120
FORMIC ACID	D	D	B	B	B	A	D	A	D	D	A	A	A
FREON 11	C	D	D	A	C	D	D	A	D	C	D	A	A
FREON 12 (WET)	A	B	B	A	A	D	D	A	D	A/70	B/72	A	A
FREON 13	A	A	A	A	A	D	D	-	-	-	D	-	A
FREON 21	D	D	D	A	D	D	D	-	-	-	D	-	A
FREON 22	D	A	C	A	D	D	D	A	B	-	D	A	A
FREON 31	D	A	A	A	D	D	D	-	-	-	-	-	-
FREON 32	A	A	A	A	C	D	D	-	-	-	-	-	-
FREON 112	B	B	D	A	A	D	D	-	-	-	-	-	-
FREON 113	A	A	D	A	C	D	D	A	-	-	D	B	A
FREON 114	A	A	C	A	A	D	D	-	-	-	D	-	A
FREON 115	A	A	A	A	B	D	D	-	-	-	-	-	-
FREON 142B	A	A	A	A	D	D	D	-	-	-	-	-	-
FREON 152A	A	A	A	A	D	D	D	-	-	-	-	-	-
FREON 218	A	A	A	A	A	D	D	-	-	-	-	-	-
FREON C316	A	A	A	A	A	D	D	-	-	-	-	-	-
FREON C318	A	A	A	A	A	D	D	-	-	-	-	-	-
FREON 13 B1	A	A	A	A	A	D	D	-	-	-	-	-	-
FREON 114B2	B	A	D	-	A	B	D	-	-	-	-	-	-
FREON 502	B	A	-	-	A	B	D	-	-	-	-	-	-
FREON TF	A	A	D	A	A	B	D	A	D	-	-	B	B
FREON T-WD602	B	B	B	A	A	A	D	-	-	-	-	-	-
FREON TMC	B	B	B	B	A	A	D	-	-	-	-	-	-

FREON T-P35	A	A	A	A	A	A	D	-	-	-	-	-	-
FREON TA	A	A	A	A	A	C	D	-	-	-	-	-	-
FREON TC	A	A	B	A	A	A	D	-	-	-	-	-	-
FREON MF	A	C	-	C	A	-	D	-	-	-	-	-	-
FREON BF	B	B	-	-	A	-	D	-	-	-	-	-	-
FRUIT JUICE	A	-	-	-	A	A	B	A	A	A	A	A	A
FUEL OIL	A	B	D	B	A	A	A	A	B/70	B	C	A	A
FUMARIC ACID	C	B	-	-	A	A	-	-	-	-	-	-	-
FURAN, FURFURAN	D	D	D	-	A	C	-	-	-	-	C	-	-
FURAN RESIN	D	D	D	-	A	A	A	A	-	D	C	A	D
FURFURAL	D	D	A	D	A	D	A	A	B	D	D	D	B/120
GALLIC ACID	D	C	B	D	A	A	A	B	B/70	A	A	B	A/70
GASOLINE - LEADED	A	D	D	C	A	A	A	A	A	-	D	B	A
GASOLINE - UNLEADED	D	D	D	D	A	A	A	A	A	-	D	C	C
GELATINE	A	A	A	A	A	A	A	A	B/70	A/120	A	B	A
GLUCOSE	A	A	A	A	A	A	A	A	B/70	A/120	A	A	A
GLUE P.V.A.	D	A	B	A	A	A	B	A	A/70	A/70	B	C	A
GLYCERINE	A	A	A	A	A	A	A	A	A/70	A/70	A	A	A
GLYCOLIC ACID	A	A	-	-	-	A	-	-	-	A/120	A/70	B	A/70
GLYCOLS	A	A	A	B	A	A	B	B	B/70	-	A	-	A
GOLD MONOCYANIDE	A	A	-	-	-	A	-	A	-	-	-	-	-
GRAPE JUICE	A	A	-	-	-	A	B	A	A	B	A	A	A
GREASE	A	D	D	-	A	A	A	A	-	-	-	A	A
GREEN SULFATE LIQUOR	A	A	A	A	A	A	-	-	-	-	A	-	-
HALOWAX OIL	D	D	D	-	A	A	-	-	-	-	-	-	-
HEPTANE	A	B	-	B	A	A	A	A	A	B/70	C/170	C	A
HEXANE	A	B	D	B	A	A	A	A	B/70	D	C/170	B	A
N-HEXALDEHYDE	D	A	B	B	A	C	A	A	-	-	-	-	-
N-HEXENE-1	A	B	D	A	A	A	-	-	-	-	-	-	-
HONEY	A	A	-	-	-	A	A	A	A/70	B	A	A	A
HYDRAULIC OILS (PETROLEUM)	A	B	C	A	A	A	A	A	A/70	C	D	A	-
HYDRAULIC OILS (SYNTHETIC)	C	-	-	-	-	A	A	A	A	A	D	A	-
HYDRAZINE	B	B	A	D	A	A	-	A	-	-	A/70	-	A/120
HYDROBROMIC ACID	D	D	A	D	A	A	D	D	D	B/70	B	A	A
HYDROCHLORIC ACID (20%)	C	D	A	B	A	A	D	D	D	A/120	A	A	A
HYDROCHLORIC ACID (37%) (HOT)	D	D	C	C	A	A	D	D	D	B/120	-	-	A
HYDROCHLORIC ACID (37%) (COLD)	C	D	B	C	A	A	D	D	D	B/120	A	-	A
HYDROCYANIC ACID	C	B	B	C	A	A	A	A	-	A/120	A	B	A
HYDROFLUORIC ACID (20%)	D	C	-	-	A	A	D	D	D	A/120	A/120	B	A
HYDROFLUORIC ACID (50%)	D	C	A	D	A	A	D	D	D	A/70	A/120	B	A
HYDROFLUORIC ACID (75%)	D	D	C	-	A	A	D	D	D	C/70	C/70	C	A
HYDROFLUORIC ACID (CONC-) (HOT)	D	D	-	D	A	B	D	D	D	D	D	-	A
HYDROFLUORIC ACID (CONC-) (COLD)	D	B	-	D	A	A	D	D	D	D	D	-	A
HYDROFLUOSILICIC ACID (20%)	B	B	B	B	A	A	D	D	D	B/120	A	A	A
HYDROGEN FLUORIDE	-	-	-	-	-	-	-	-	-	-	-	-	-
HYDROGEN GAS	A	A	B	A	A	A	A	A	B/120	A/120	A	A	A
HYDROGEN PEROXIDE	B	D	C	C	A	A	A	A	D	C/120	A/70	A	A/70
HYDROGEN SULFIDE (WET) (COLD)	C	B	A	B	A	A	D	A	C	A	A	-	A
HYDROGEN SULFIDE (WET) (HOT)	D	C	A	-	A	B	D	A	D	A	A	-	A
HYDROGEN SULFIDE AQUEOUS SOLUTION	C	B	A	-	A	D	D	A	-	A	A	B	A
HYDROQUINONE	C	D	-	-	A	C	A	B	-	A	A	B	A
HYDROXYACETIC ACID (70%)	A	A	-	-	A	A	D	-	-	-	-	D	-
HYPOCHLOROUS ACID	D	D	B	-	A	A	D	D	-	-	A	-	A
INK	A	-	-	-	-	A	C	A	C	-	-	C	A
IODINE (IN ALCOHOL)	B	D	D	D	A	A	D	D	C	B	A/70	A	A/150
IODINE PENTAFLUORIDE	D	D	D	D	A	D	-	-	-	-	-	-	-
IODOFORM	D	-	A	-	A	-	B	B	-	-	-	A	A
ISOCTANE	A	B	D	B	A	A	A	-	B/70	B	A	A	-
ISOTANE	A	-	-	-	-	A	A	-	D	-	B/72	A	A
ISOPHORONE	D	D	C	B	A	D	A	A	-	-	-	-	-
ISOPROPYL ACETATE	D	D	B	A	A	D	C	B	B/70	B/70	-	D	-
ISOPROPYL CHLORIDE	D	D	D	D	A	B	D	A	-	-	D	-	-
ISOPROPYL ETHER	B	D	D	B	A	D	A	A	A/70	B	B/72	B	-
JET FUEL (JP3, JP4, JP5)	A	D	D	C	A	A	A	A	A/70	D	D	C	A
KEROSENE	A	B	D	C	A	A	A	A	A	C/70	B/72	A	A
KETONES	D	D	B	A	A	D	B	A	A/120	C/70	D	D	A/70
LACQUERS	D	D	D	D	A	D	A	A	A/70	A	C	D	D
LACQUER SOLVENTS	D	D	D	D	A	D	A	A	A/70	A	C	D	D
LACTIC ACID	B	C	B	-	A	A	C	A	C	A/70	A	B	A/70
LARD	A	B	C	A	A	A	A	A	A/70	A	A	A	A
LATEX - WATER BASE	A	B	-	-	A	A	A	A	A/70	-	A	-	-
LAVENDER OIL	B	C	C	D	A	B	-	-	-	-	-	-	-
LEAD ACETATE	B	B	A	D	A	D	D	B	B/70	A/120	A	B	A
LEAD SULFAMATE	B	A	A	-	A	A	C	-	B/70	A/70	A	B	A
LIGROIN	A	B	D	B	A	A	D	A	D	A	B/175	-	A
LIME	A	B	A	-	A	A	C	A	B/70	A	-	B	A

LIME BLEACH	A	B	A	-	A	A	D	A	-	-	B	-	-
LIME SULFUR	D	A	C	-	A	A	-	A	B/70	-	A	-	-
LINDOL	D	C	A	C	A	B	-	-	-	-	-	-	-
LINOLEIC ACID	B	D	D	-	A	A	A	A	-	A	A/70	A	A
LIQUEFIED PETROLEUM GAS	A	B	D	A	A	A	-	-	-	-	D	-	-
LUBRICANTS	A	B	D	B	A	A	A	A	A/70	D	B	B	A
LUBRICATING OILS (PETROLEUM)	A	B	D	B	A	A	A	A	A/70	-	B	-	A
LYE	C	B	B	C	A	B	-	A	A/70	-	A	B	A/150
MAGNESIUM CARBONATE	A	A	C	-	A	-	D	A	-	B	A	B	A
MAGNESIUM CHLORIDE	A	A	A	A	A	A	D	D	A/70	A/70	A	B	A
MAGNESIUM HYDROXIDE	B	B	A	A	A	A	D	A	B/70	A/120	A	A	A
MAGNESIUM NITRATE	A	A	A	-	A	-	D	A	A/70	A/120	A	A	A
MAGNESIUM OXIDE	A	A	-	-	A	-	B	A	-	-	-	-	-
MAGNESIUM SULFATE	A	A	A	-	A	A	D	A	A/70	A/120	B	A	A
MALEIC ACID	D	D	C	-	A	A	B	A	B/70	B/120	A	A	A
MALEIC ANHYDRIDE	D	D	C	-	A	A	A	-	-	D	-	-	A
MALIC ACID	B	C	D	-	A	A	B	A	C/70	B/120	B	A	A
MASH	A	A	-	-	-	-	A	A	A	A	-	-	-
MAYONNAISE	A	-	-	-	-	A	D	A	A	D	A	D	A
MELAMINE	C	-	-	-	-	-	-	D	A	-	-	D	-
MERCURIC CHLORIDE (DILUTE SOLUTION)	A	A	A	-	A	A	D	D	D	A	A	A	A
MERCURIC CYANIDE	A	A	A	-	A	-	D	A	A	A	A	A	A
MERCURY	A	A	A	A	A	A	C	A	A/120	A	A	A	A
MESITYL OXIDE	D	D	B	D	A	D	A	A	-	-	-	-	-
METHANE	A	B	D	B	A	A	A	A	A/120	-	B	B	A
METHANOL (SEE ALCOHOL METHYL)	A	A	B	D	A	C	B	A	B/70	A/70	A/120	A	A
METHYL ACETATE	D	B	A	D	A	D	A	A	A/120	B/70	C	D	B
METHYL ACRYLATE	D	B	B	-	A	D	-	-	-	-	-	-	B
METHYL ACETONE	D	D	-	-	A	-	A	A	A	-	D	D	D
METHYL BROMIDE	B	D	A	-	A	A	D	-	C	C/70	D	D	A
METHYL BUTYL KETONE	D	D	B	D	A	D	A	A	D	-	D	A	D
METHYL CELLOSOLVE	D	D	B	D	A	D	A	-	C	-	B	D	A
METHYL CHLORIDE	D	D	C	D	A	A	D	A	C	C/70	D	D	A
METHYL CYCLOPENTANE	B	C	D	D	A	A	-	-	-	-	-	-	-
METHYL DICHLORIDE	D	D	-	D	-	A	D	-	C	-	D	A	D
METHYL ETHYL KETONE	D	D	A	D	A	D	A	A	A/70	B/120	C	D	D
METHYL FORMATE	D	B	A	D	A	D	A	B	-	-	-	-	-
METHYL ISOBUTYL KETONE	D	D	B	D	A	D	B	A	A/70	C	B/72	D	D
METHYL ISOPROPYL KETONE	D	D	C	-	A	D	A	A	D	D	C	D	-
METHYL METHACRYLATE	D	D	C	-	A	D	-	-	-	-	A	A	B
METHYL OLEATE	D	D	C	-	A	B	-	-	-	-	-	-	-
METHYL SALICYLATE	D	D	C	-	A	B	A	-	-	-	B	-	B
METHYLACRYLIC ACID	-	B	B	-	A	B	-	-	-	-	-	-	-
METHYLAMINE	B	-	A	-	A	-	-	A	-	A/70	-	D	C
METHYLENE CHLORIDE	D	D	C	D	A	B	D	A	-	D	D	D	D
MILK	A	A	A	-	A	A	A	A	A/120	A	A	A	A
MOLASSES	A	A	A	D	A	A	A	A	A/70	A	A	A	A
MONOCHLOROBENZENE	D	D	D	D	A	A	D	A	B/70	-	D	-	A/150
MONOMETHYL ANILINE	D	D	D	-	A	C	-	-	-	-	C	-	-
MONOETHANOLAMINE	B	C	B	C	A	C	B	A	A	C	D	D	D
MONOMETHYLETHER	A	B	A	-	A	A	-	-	-	-	-	-	-
MONOVINYL ACETYLENE	A	B	A	-	A	A	-	-	-	-	-	-	-
MUSTARD	B	C	-	-	-	A	B	A	A/70	A	A	-	A
NAPHTHA	B	D	D	C	A	A	A	A	A/70	A/70	C	A	A
NAPHTHALENE	D	D	D	B	A	A	B	B	A/70	C	A/70	D	A
NAPHTHENIC ACID	B	-	D	-	A	A	B	A	-	-	-	-	-
NATURAL GAS	A	A	C	B	A	A	A	A	-	A	A	A	-
NEATSFOOT OIL	A	-	B	-	A	A	A	A	-	-	-	-	-
NEVILLE ACID	C	C	B	-	A	A	-	-	-	-	-	-	-
NICKEL ACETATE	B	B	A	-	A	A	D	-	-	-	-	-	-
NICKEL CHLORIDE	A	A	A	-	A	A	D	A	C	A	A	A	A
NICKEL SULFATE	A	A	A	A	A	A	D	A	A/70	A	A	A	A
NITER CAKE	A	A	A	-	A	A	-	-	-	-	-	-	-
NITRIC ACID (5-10% SOLUTION)	D	D	B	C	A	A	D	A	C	B	A/120	A	A/120
NITRIC ACID (20% SOLUTION)	D	D	B	C	A	A	D	A	D	C	B/70	A	A
NITRIC ACID (50% SOLUTION)	D	D	D	C	A	A	C	A	D	B/70	B/70	B	A
NITRIC ACID (CONCENTRATED SOLUTION)	D	D	D	D	A	A	A/120	A	D	C/70	D	B	A/125
NITRIC ACID - RED FUMING	D	D	D	D	A	B	A/B	A	D	-	D	-	D
NITROBENZENE	D	D	C	-	A	B	C	B	B/70	C/70	B/72	D	A/70
NITROBENZINE	-	D	C	-	A	A	-	-	-	-	-	-	A
NITRO ETHANE	D	C	B	-	A	C	A	A	-	-	C	-	-
NITROMETHANE	D	C	A	-	A	C	A	A	B/70	A	C	B	A/120
NITROGEN (GAS)	A	A	A	A	A	A	A	A	-	-	A	-	A
NITROGEN TETROXIDE	D	D	C	-	A	C	D	-	-	-	D	-	C
OCTADECANE	A	B	D	A	A	A	-	-	-	-	-	-	-
N-OCTANE	A	-	D	-	A	A	-	-	-	-	D	-	A

OCTACHLOROTOLUENE	D	D	D	D	A	A	D	-	-	-	D	-	-
OILS													
ANILINE	D	D	B	C	A	A	C	A	A	-	A	D	A/70
ANISE	-	D	-	-	A	-	-	A	-	-	-	-	-
BAY	-	D	-	-	-	A	-	A	-	-	-	-	A
BONE	A	D	-	-	A	A	-	A	-	-	-	-	A
CASTOR	A	A	B	A	A	A	A	A	A	-	-	A	A
CINNAMON	-	D	-	-	-	-	-	A	-	D	-	D	-
CITRIC	A	D	B	-	A	A	A	A	-	A	A	B	A
CLOVE	A	-	-	-	-	-	B	A	-	-	B	-	-
COCONUT	A	A	A	A	A	A	B	A	-	A	A	A	A
COD LIVER	A	B	A	A	A	A	B	A	-	-	A	A	A
CORN	A	D	C	A	A	A	B	A	-	A	A	B	A
COTTON SEED	A	D	A	A	A	A	B	A	A	A	A	B	A
CREOSOTE	A	B	D	-	A	A	A	A	D	C	D	C	-
DIESEL FUEL (20, 30, 40, 50)	A	D	-	-	-	A	A	A	A	A	B/70	C	A
FUEL (1, 2, 3, 5A, 5B, 6)	B	D	D	-	A	A	A	A	A/70	B	B/70	A	A
GINGER	A	A	-	-	-	A	-	A	-	-	-	-	A
HYDRAULIC (SEE HYDRAULIC)													
LEMON	-	D	-	-	-	A	A	A	-	-	D	-	A
LINSEED	A	D	B	B	A	A	A	A	A/70	A	A	A	A
MINERAL	A	B	D	A	A	A	A	A	A	B/70	B	B	A
OLIVE	A	B	A	A	A	A	A	A	A/70	A/70	A	C	-
ORANGE	A	D	-	-	-	A	A	A	-	C/70	A	C	A
PALM	A	D	-	-	A	A	A	A	-	A	-	A	A
PEANUT	A	D	C	B	A	A	A	A	-	A	B/175	A	A
PEPPERMINT	D	D	-	-	-	A	D	A	-	-	B/175	-	A
PINE	A	D	D	-	A	A	A	A	A	D	-	D	A
RAPE SEED	B	D	A	B	A	A	-	A	-	D	-	-	A
ROSIN	A	-	-	-	A	A	A	A	A/70	B/120	A	C	A
SESAME SEED	A	D	-	-	-	A	A	A	-	-	-	A	A
SILICONE	A	A	A	A	A	A	A	A	A/70	A	A	A	A
SOYBEAN	A	D	B	B	A	A	A	A	B/70	A/70	A	A	A
SPERM	A	D	-	-	-	A	-	A	-	-	-	-	A
TANNING	A	D	-	-	-	A	-	A	-	-	-	-	A
TURBINE	A	D	D	-	A	A	A	A	-	C	B/70	A	A
OLEIC ACID	B	D	B	B	A	B	B	A	B/120	C/120	B	C	A
OLEUM	C	D	D	D	A	A	D	A	D	D	D	D	D
OLEUM SPIRITS	C	D	C	C	A	A	D	B	-	D	D	-	D
O-DICHLOROBENZENE	D	D	A	D	-	A	A	-	-	-	D	-	-
OXALIC ACID (COLD)	B	B	A	-	A	A	C	A	B/120	A/120	A/70	B	A/120
OXGEN - COLD	C	A	B	A	A	A	A	A	B/70	-	C	-	A
OXYGEN - 200°-400°F	D	D	D	D	A	B	A	A	D	-	D	-	A
OZONE	D	B	A	A	A	A	B	-	-	C/70	D	B	A
PAINT THINNER, DUCCO	A	C	D	D	A	B	A	A	-	-	D	-	-
PALMITIC ACID	A	B	B	A	A	A	C	A	C	-	A	B	A
PARAFFIN	A	-	D	-	A	A	A	A	A/70	B	A	B	A
PENTANE	A	B	D	D	A	A	A	C	A/70	D	-	A	A
PERCHLORIC ACID	D	A	B	D	A	A	D	D	D	B	A	C	A/120
PERCHLORIC ACID-10%	-	-	-	-	-	-	-	-	-	-	-	-	-
PERCHLORIC ACID-70%	-	-	-	-	-	-	-	-	-	-	-	-	-
PERCHLOROETHYLENE	C	D	D	D	A	A	D	A	D	D	B/72	C	A
PETROLATUM	A	B	-	-	-	A	B	A	D	B	A	B	A
PETROLEUM - BELOW 250	A	B	D	B	A	A	A	A	A	C/70	A/70	-	A/200
PETROLEUM - ABOVE 250	C	D	D	D	A	B	A	A	D	C/70	-	-	-
PHENOL (CARBOLIC ACID)	D	D	C	C	A	A	B	A	C	D	C	D	A/70
PHENYLBENZENE	D	D	D	D	A	A	-	-	-	-	-	-	-
PHENYL ETHYL ETHER	D	D	D	D	A	C	-	-	-	-	-	-	-
PHENYL HYDRAZINE	D	D	C	D	A	A	-	-	-	-	-	-	D
PHORONE	D	D	C	D	A	A	-	-	-	-	-	-	-
PHOSPHORIC ACID - 20%	C	B	A	B	A	A	D	B	D	-	A/120	-	A
PHOSPHORIC ACID (TO 40% SOLUTION)	D	D	B	B	A	A	D	A	D	B/70	A/120	-	A
PHOSPHORIC ACID - 45%	D	B	B	B	A	A	D	B	D	-	A/120	-	A
PHOSPHORIC ACID (40%-100% SOLUTION)	D	D	B	C	A	A	D	B	C	-	A/120	B	A
PHOSPHORIC ACID CRUDE	D	D	C	A	A	A	D	C	C	B/70	A/120	B	A
PHOSPHOROUS TRICHLORIDE ACID	D	D	A	-	A	A	D	A	-	B	D	-	A
PHOTOGRAPHIC (DEVELOPER)	A	A	-	-	-	A	C	A	-	A	A	A	-
PICKLING SOLUTION	-	C	C	C	A	B	-	-	-	-	-	-	-
PICRIC ACID	B	B	B	B	A	A	C	D	C	A	B/70	-	A/70
PINENE	B	D	D	B	A	A	-	-	-	-	-	-	-
PIPERIDINE	D	D	D	D	A	C	-	-	-	-	-	-	-
PLATING SOLUTIONS													
ANTIMONY	A	A	-	-	A	A	D	A	D	-	A	A	A/70
ARSENIC	A	A	-	-	A	A	C	A	A	-	A	A	-
BRASS	A	-	-	-	A	A	C	A	A	B	A	A	A
BRONZE	A	A	-	-	-	A	C	A	A	-	A	-	-

CADMIUM	A	A	-	-	A	A	C	-	A	-	A	A	A
CHROME	D	D	A	-	A	A	C	A	D	-	A	A	A
COPPER	A	-	-	-	A	A	C	-	A	-	A	-	A
GOLD	A	A	-	-	A	A	C	A	A/70	-	A	-	A
INDIUM	A	-	-	-	-	A	C	A	D	-	A	A	-
IRON	A	A	-	-	A	A	C	A	D	-	A	D	A
LEAD	A	A	-	-	A	A	C	-	D	-	A	A	A
NICKEL	A	-	-	-	A	A	C	-	A	-	A	D	A
SILVER	A	A	-	-	A	A	C	A	A/120	-	A	A	A
TIN	A	A	-	-	A	A	C	A	D	-	A	A	A
ZINC	A	A	-	-	A	A	C	A	D	-	A	D	A
POLYVINYLACETATE EMULSION	-	B	A	-	A	-	-	-	-	-	B/70	-	A
POTASH	A	B	B	B	A	A	C	A	A	A/70	A	A	A
POTASSIUM ACETATE	B	B	A	D	A	B	D	B	-	-	A	-	A
POTASSIUM BICARBONATE	A	A	-	-	A	A	C	B	A/70	A	A	A	A
POTASSIUM BROMIDE	A	A	A	-	A	A	C	A	A/70	A	A	A	A
POTASSIUM CARBONATE	A	B	A	-	A	A	C	A	A/70	-	A	-	A
POTASSIUM CHLORATE	A	A	A	-	A	A	B	A	C	A/70	A	A	A
POTASSIUM CHLORIDE	A	A	A	A	A	A	B	C	B/70	A/70	A	A	A
POTASSIUM CHROMATE	A	A	-	-	A	A	A	B	A	A	A	A	A
POTASSIUM CUPRO CYANIDE	A	A	A	A	A	A	-	-	-	-	-	-	-
POTASSIUM CYANIDE SOLUTIONS	A	A	A	A	A	A	D	A	A/70	-	A	A	A
POTASSIUM DICHROMATE	A	A	A	A	A	A	A	A	D	A	A	A	A
POTASSIUM HYDROXIDE	B	B	B	B	A	D	D	A	C	A	A	A	A/150
POTASSIUM HYPOCHLORITE	-	-	-	-	-	-	-	-	-	-	-	-	-
POTASSIUM IODIDE	-	-	-	-	-	-	-	-	-	-	-	-	-
POTASSIUM NITRATE	A	A	A	A	A	A	B	A	B/70	A	A	A	A
POTASSIUM PERMANGANATE	A	A	A	-	A	A	B	B	D	A	B	A	A
POTASSIUM SULFATE	A	A	A	A	A	A	A	B	A/70	A/120	A	A	A
PRODUCER GAS	A	B	C	A	A	A	-	-	-	-	-	-	-
PROPANE (LIQUIFIED)	A	B	D	B	A	A	A	A	A/70	C/70	B/72	A	B/200
PROPYL ACETATE	D	D	C	D	A	D	-	-	-	-	C	-	A/70
PROPYL NITRATE	-	-	B	-	A	C	A	-	-	-	-	-	-
PROPYLENE	D	D	D	D	A	A	A	A	-	-	-	B	-
PROPYLENE GLYCOL	A	C	A	-	A	A	A	A	-	B/70	A	C	A
PROPYLENE OXIDE	-	D	B	D	A	-	B	A	-	-	C	-	D
PYRANOL	A	D	D	B	A	A	-	-	-	-	-	-	-
PYDRAULS	D	D	B	D	A	A	-	-	A/70	-	-	-	-
PYRIDINE	D	D	B	-	A	D	B	B	C	B/70	C	D	D
PYROGALLIC ACID	-	-	-	-	-	A	-	A	-	-	-	A	A
PYROLIGNEOUS ACID	C	C	B	-	A	A	D	B	-	-	-	-	-
PYRROLE	D	D	C	B	A	C	-	-	-	-	-	-	-
RADIATION	B	B	C	A	A	B	-	-	-	-	-	-	-
RED OIL	A	C	B	B	A	A	-	-	-	-	-	-	-
ROSINS	A	-	-	-	A	-	A	A	A/70	B/70	A	C	-
RUM	A	-	A	D	A	A	-	A	A	-	A	A	-
RUST INHIBITORS	A	C	-	-	-	A	-	A	-	-	A	-	-
SALAD DRESSING	A	-	-	-	-	A	B	A	A	-	A	-	-
SAL AMMONIAC	A	A	A	A	A	A	D	A	-	-	-	-	-
SEA WATER	A	B	A	A	A	A	D	C	A/120	A/120	A	A	A
SEWAGE	A	A	B	D	A	A	B	A	-	-	A	-	A
SHELLAC (BLEACHED)	A	-	-	-	-	-	A	A	A/70	A/70	A	-	-
SHELLAC (ORANGE)	A	-	-	-	-	-	A	A	A/70	A/70	A	-	-
SILICATE ESTERS	A	B	D	A	A	A	-	-	-	-	-	-	-
SILICONE	A	A	-	-	-	A	B	A	A/70	-	A	A	A
SILICONE GREASES	A	A	A	A	A	A	-	-	-	-	-	-	-
SILVER BROMIDE	-	-	-	-	-	-	D	B	-	A	-	-	-
SILVER NITRATE	C	A	A	A	A	A	D	A	A/70	A	A	A	A
SKYDROL 500	D	D	A	D	A	C	-	-	C	-	-	-	-
SKYDROL 7000	D	D	C	D	A	B	-	-	C	-	-	-	-
SOAP SOLUTIONS	A	B	A	A	A	A	C	A	A/70	D	A	A	A
SODA ASH (SEE SODIUM CARBONATE)													
SODIUM ACETATE	B	B	A	D	A	D	B	A	B/70	A	A	B	A
SODIUM ALUMINATE	A	A	-	-	A	A	C	A	A/70	-	A	-	A
SODIUM BICARBONATE	A	A	A	-	A	A	A	A	A	A/120	A	A	A
SODIUM BISULFATE	A	A	A	-	A	A	D	A	A/70	A/120	A	A	A
SODIUM BISULFITE	A	A	A	-	A	A	A	A	C	A/120	A	A	A
SODIUM BORATE	A	A	A	-	A	A	C	B	A/70	A/120	A/140	A	A
SODIUM CARBONATE	A	A	A	-	A	A	C	A	B/70	B/120	A	A	A
SODIUM CHLORATE	A	A	A	-	A	A	B	A	D	B/120	A	A	A
SODIUM CHLORIDE	A	A	A	A	A	A	C	C	A/70	A/120	A	A	A
SODIUM CHROMATE	A	A	-	-	A	A	D	-	D	-	A	-	A
SODIUM CYANIDE	A	A	A	-	A	A	D	A	A/70	A/120	A	A	A
SODIUM HYDROXIDE (20%)	A	B	A	B	A	A	D	A	A	D	A	A	A
SODIUM HYDROXIDE (50% SOLUTION)	D	C	A	B	A	A	D	B	A	D	A	A	C
SODIUM HYDROXIDE (80% SOLUTION)	D	C	A	B	A	B	D	D	C	D	A	A	C

SODIUM HYPOCHLORITE (TO 20%)	C	D	C	D	A	A	D	C	D	A	B/72	A	A
SODIUM METAPHOSPHATE	A	B	A	-	A	A	A	A	A/70	A/70	D	A	-
SODIUM METASILICATE	A	A	-	-	-	A	B	A	-	-	-	A	-
SODIUM NITRATE	C	B	A	-	A	A	A	A	A/70	A/120	A	A	A
SODIUM PERBORATE	B	B	A	-	A	A	B	C	B/70	A/70	A	A	A
SODIUM PEROXIDE	C	B	B	D	A	A	D	A	A/70	A	B/120	B	A
SODIUM PHOSPHATE (MONO, DI, TRIBASIC)	A	D	-	A	-	A	D	A	A/70	A	A	A	A
SODIUM SILICATE	A	A	A	-	A	A	C	A	A/70	A/120	A	A	A
SODIUM SULFATE	A	A	A	A	A	A	B	A	A	A/120	A	A	A
SODIUM SULFIDE	A	A	A	A	A	A	D	A	A/70	A/120	A	A	A
SODIUM SULFITE	-	-	-	-	-	-	-	-	-	-	-	-	-
SODIUM TETRABORATE	A	-	A	-	A	A	C	A	A	A/120	-	A	-
SODIUM THIOSULPHATE ("HYPO")	B	A	A	A	A	A	B	A	B	A/70	A	A	A
SORGHUM	A	A	-	-	-	A	-	A	A	-	-	-	-
SOY SAUCE	A	A	B	B	A	A	A	A	A	-	-	-	-
STANNIC CHLORIDE	A	D	B	B	A	A	D	D	B	A/120	A	A	A
STANNIC FLUOBORATE	A	A	-	-	-	A	D	-	-	-	-	-	-
STARCH	A	A	A	A	A	A	A	A	A/70	B	-	A	-
STEAM TO 200°F	C	C	A	C	D	D	A	A	D	-	-	-	-
STEAM 220°F-300°F	D	D	A	D	D	D	A	A	D	-	-	-	-
STEARIC ACID	C	B	B	A	A	A	B	A	A/120	B/72	B/72	B	A
STODDARD SOLVENT	B	B	D	A	A	A	A	A	A	C/120	B/120	C	A
STYRENE	D	D	D	C	A	B	A	A	A/70	-	D	D	B
SUCROSE SOLUTION	A	A	A	D	A	A	-	-	A	-	-	-	-
SUGAR (LIQUIDS)	A	B	-	-	-	A	A	A	A/70	-	A	-	-
SULFATE LIQUORS	-	C	-	-	-	-	B	C	B/70	A/120	A	B	A
SULFITE LIQUORS	A	A	B	-	A	A	D	B	-	-	-	-	-
SULFUR	B	B	A	B	A	A	D	A	A/70	-	A	-	A
SULFUR CHLORIDE	D	D	D	-	A	A	D	D	A	C/70	C	C	A/70
SULFUR DIOXIDE	D	B	A	-	A	D	D	A	C	B/70	A/70	A	A
SULFUR HEXAFLUORIDE	B	B	A	-	A	A	D	-	-	B	-	B	-
SULFUR TRIOXIDE	C	C	C	B	A	A	D	B	-	-	-	A	-
SULFUR TRIOXIDE (DRY)	D	D	-	B	A	A	A	C	A/70	C/70	D	A	D
SULFURIC ACID (DILUTE)	D	C	-	C	A	A	D	B	C	A/70	A	-	A
SULFURIC ACID (TO 10%)	D	D	A	D	A	A	D	C	C	A/70	A/120	A	A
SULFURIC ACID (10%-75%)	D	D	C	D	A	A	D	C	D	B/70	A/72	A	A/150
SULFURIC ACID (CONCENTRATED TO 98%)	D	D	C	D	A	A	D	B	D	B/70	C/72	D	A/120
SULFURIC ACID (20% OLEUM)	D	D	D	D	A	B	D	-	D	-	D	-	-
SULFUROUS ACID	C	B	-	D	A	A	D	B	D	B/120	A	A	A
SYRUP	A	B	-	-	-	A	A	A	-	-	A	-	-
TALLOW	A	-	A	A	A	A	A	A	A/70	C	B/70	-	-
TANNIC ACID	A	B	C	A	A	A	C	A	C	A	A	A	A
TANNING LIQUORS	C	-	-	-	A	A	C	A	A/70	A/70	A	A	-
TAR, BITUMINOUS	B	C	D	-	A	A	-	B	B	-	-	-	-
TARTARIC ACID	A	B	B	A	A	A	C	A	B/70	A/70	A	A	A
TERPENEOL	C	D	B	B	A	A	A	A	-	-	D	-	B/120
TERTIARY BUTYL ALCOHOL	A	A	A	D	A	B	-	-	-	-	B	-	-
TERTIARY BUTYL CATECHOL	D	B	B	D	A	A	C	B	-	-	-	-	-
TERTIARY BUTYL MERCAPTAN	D	D	D	D	A	A	-	-	-	-	-	-	-
TETRA BROMOMETHANE	D	D	D	-	A	A	D	-	-	-	D	-	-
TETRABUTYL TITANATE	B	A	B	-	A	A	-	-	-	-	-	-	-
TETRACHLOROETHYLENE	D	D	D	B	A	A	D	A	A/70	B	D	D	-
TETRACHLOROETHANE	D	-	D	-	A	A	D	A	C	-	D	C	-
TETRAETHYL LEAD	B	D	D	-	A	A	-	-	-	-	A/70	-	A
TETRAHYDROFURAN	D	D	C	C	A	B	-	A	A	C/70	C	D	B/70
TETRALIN	D	D	D	-	A	A	A	A	-	-	D	-	-
THIONYL CHLORIDE	D	D	D	-	A	A	D	-	C	-	D	-	D
TITANIUM TETRACHLORIDE	C	D	D	D	A	A	D	B	A/70	-	D	-	A
TOLUENE	C	D	D	C	A	A	A	A	A/70	C/70	D	-	A
TOLUENE DIISOCYANATE	-	D	A	-	A	-	-	-	-	-	-	-	-
TOLUENE, TOLUOL	D	D	D	C	A	A	A	A	A/70	C/70	B/175	D	A
TOMATO JUICE	A	A	-	-	A	-	A	A	A	A/70	A	A	A
TRANSFORMER OIL	B	C	D	D	A	A	A	A	A/70	-	B/70	B	-
TRANSMISSION FLUID TYPE A	A	C	D	A	A	A	A	A	-	-	-	-	-
TRIACETIN	A	A	A	D	A	C	B	-	-	-	-	-	-
TRIBUTOXY ETHYL PHOSPHATE	D	D	A	D	A	B	-	-	-	-	-	-	-
TRIBUTYL PHOSPHATE	D	D	C	D	A	D	-	-	-	-	A/70	-	A/70
TRIBUTYL MERCAPTAN	D	D	D	-	A	A	-	-	-	-	-	-	-
TRICHLOROACETIC ACID	C	B	B	D	A	B	D	D	D	A	B/70	B	A/70
TRICHLOROETHANE	D	D	D	D	A	A	D	A	C	-	D	C	A/120
TRICHLOROETHYLENE	D	D	D	D	A	A	D	A	A/70	D	B/72	D	A
TRICHLOROPROPANE	A	A	-	-	A	A	D	A	-	-	D	-	-
TRICRESYLPHOSPHATE	D	D	A	C	A	B	D	A	A/120	B/70	B/70	D	-
TRIETHYLAMINE	A	B	-	-	A	A	-	-	A/70	-	C	B	A/120
TRIETHANOL AMINE	B	B	B	D	A	B	B	A	A/70	-	A/70	-	A/70

TRIETHYL ALUMINUM	D	D	-	-	A	B	-	-	-	-	-	-	-
TRIETHYL BORANE	D	D	-	-	A	A	-	-	-	-	-	-	-
TRINITROTOLUENE	D	A	D	-	A	C	-	-	-	-	-	-	-
TRIOCTYL PHOSPHATE	D	D	A	-	A	B	-	-	-	-	-	-	-
TRIARYL PHOSPHATE	D	C	A	B	A	A	-	-	-	-	-	-	-
TUNG OIL	A	B	C	B	A	B	A	B	-	-	-	-	-
TURPENTINE	A	D	D	D	A	A	A	A	A/70	D	B/175	-	A
UNLEADED GASOLINE	D	D	D	D	A	A	A	A	A	-	D	-	C
WATER, SALT	B	B	A	A	A	A	D	C	A/120	A	A	A	A