

Elastomer O-ring

Chemical Resistance & Fluid Compatibility

Rating

A- SATISFACTORY, B- FAIR, C- POOR, U- Not Suitable

Chemical	Kalrez®	NBR	EPDM	VMQ	FVMQ	FKM	T	Chemical	Kalrez®	NBR	EPDM	VMQ	FVMQ	FKM	T
Abietic Acid	A							Aluminum Hydroxide	A						U
Acetaldehyde	A	U	A	B	U	U		Aluminum Linoleate	A						
Acetamide	A 6375	A	A	B	A	B	U	Aluminum Nitrate	A	A	A	B	—	A	B
Acetanilide	A 6375						U	Aluminum Oxalate	A						
Acetic Acid, Glacial	A	C	A	B	U	C	U	Aluminum Phosphate	A	A	A	A	—	A	A
Acetic Acid, 30%	A	B	A	A	B	B		Aluminum Potassium Sulfate	A						
Acetic Anhydride	A	C	B	C	U	U	B	Aluminum Salts	A						
Acetoacetic Acid	A							Aluminum Sodium Sulfate	A						
Acetone	A	U	A	C	U	U	U	Aluminum Sulfate	A	A	A	A	A	A	A
Acetone Cyanohydrin	A						U	Alums	A						A
Acetonitrile	A	—	A	—	—	—	U	Amino Phenol	A* 1050LF						U
Acetophenetidine	A							Aminoanthraquinone	A						U
Acetophenone	A	U	A	U	U	U	U	Aminoazobenzene	A						
Acetotoluidide	A							Aminobenzene Sulfonic Acid	A						U
Acetyl Bromide	A							Aminobenzoic Acid	A						
Acetyl Chloride	A	U	U	C	A	A	U	2-(2-Aminoethoxy)-ethanol	A* 1050LF						
Acetylacetone	A						U	Aminoethylethanolamine	A* 1050LF						U
Acetylene	A	A	A	B	—	A	U	Aminopyridine	A						U
Acetylene Tetrabromide	A						U	Aminosalicic Acid	A						
Acetylene Tetrachloride	A						U	Ammonia, Anhydrous	A* 1050LF	B	A	C	U	U	A
Acetylsalicylic Acid	A						U	Ammonia Gas (cold)	A	A	A	A	U	U	A
Acids, Non-Organic	A						U	Ammonia Gas (hot)	A* 1050LF	U	B	A	U	U	U
Acids, Organic	A						U	Ammonium Acetate	A						
Aconitic Acid	A							Ammonium Arsenate	A						
Acridine	A							Ammonium Benzoate	A						
Acrolein	A							Ammonium Bicarbonate	A						
Acrylic Acid	A						U	Ammonium Bifluoride	A* 1050LF						
Acrylonitrile	A* 1050LF	U	U	U	U	C	U	Ammonium Bisulfite	A						
Adipic Acid	A* 6375	A	A	—	A	—	U	Ammonium Bromide	A						
Aliphatic Dicarboxylic Acid	A						U	Ammonium Carbamate	A						
Alkanes (Paraffin Hydrocarbons)	A						A	Ammonium Carbonate	A	U	—	—	—	—	
Alkanesulphonic Acid	A						U	Ammonium Chloride (Sal Ammoniac)	A	A	A	—	—	A	U
Alkenes (Olefin Hydrocarbons)	A						A	Ammonium Citrate	A						U
Alkyl Acetone	A						C	Ammonium Dichromate	A						
Alkyl Alcohol	A						C	Ammonium Diphosphate	A						
Alkyl Amine	A* 1050LF/6375						U	Ammonium Fluoride	A* 1050LF						
Alkyl Aryl Sulphonates	A							Ammonium Fluosilicate	A						
Alkyl Arylsulphonics	A							Ammonium Formate	A						
Alkyl Benzene	A						U	Ammonium Hydrogen Fluoride	A* 1050LF						
Alkyl Chloride	A						U	Ammonium Hydroxide (conc.)	A* 1050LF	U	A	A	B	B	U
Alkyl Sulfide	A							Ammonium Iodide	A						
Alkyl naphthalene Sulfonic Acid	A						U	Ammonium Lactate	A						
Allylidene Diacetate	A* 7075						U	Ammonium Metaphosphate	A						
Alpha Picoline	A							Ammonium Molybdate	A						
Aluminum Acetate	A	B	A	U	U	U	U	Ammonium Nitrate	A	A	A	—	—	—	
Aluminum Bromide	A						A	Ammonium Nitrite	A	A	A	B	—	—	
Aluminum Chlorate	A							Ammonium Oxalate	A						A
Aluminum Chloride	A	A	A	B	A	A	U	Ammonium Perchlorate	A						
Aluminum Ethylate	A						B	Ammonium Perchloride	A						
Aluminum Fluoride	A	A	A	B	A	A	C	Ammonium Persulfate	A	U	A	—	—	—	A
Aluminum Fluosilicate	A						A	Ammonium Phosphate (di-basic)	A	A	A	A	—	—	A
Aluminum Formate	A														

Chemical	Kalrez®	NBR	EPDM	VMQ	FVMQ	FKM	T
Ammonium Phosphate (mono-basic)	A						A
Ammonium Phosphate (tri-basic)	A						A
Ammonium Phosphite	A						C
Ammonium Picrate	A						
Ammonium Polysulfide	A						
Ammonium Salicylate	A						
Ammonium Salts	A						
Ammonium Sulfamate	A						U
Ammonium Sulfate	A	A	A	—	—	U	U
Ammonium Sulfide	A						U
Ammonium Sulfite	A						
Ammonium Sulphate Nitrate	A						
Ammonium Thiocyanate	A						
Ammonium Thioglycollate	A						
Ammonium Thiosulfate	A						U
Ammonium Tungstate	A						
Ammonium Valerate	A						
Amyl Acetate	A	U	C	U	U	U	U
Amyl Alcohol	A	B	A	U	A	B	C
Amyl Borate	A	A	U	—	—	A	A
Amyl Butyrate	A						
Amyl Chloride	A						U
Amyl Chloronaphthalene	A	U	U	U	B	A	
Amyl Cinnamic Aldehyde	A						C
Amyl Laurate	A						
Amyl Mercaptan	A						U
Amyl Naphthalene	A	U	U	U	A	A	C
Amyl Nitrate	A						B
Amyl Nitrite	A						B
Amyl Phenol	A						B
Amyl Propionate	A						
Anderol ¹ L-774	A						B
Aniline	A	U	A	U	C	C	B
Aniline Dyes	A	U	A	C	B	B	
Aniline Hydrochloride	A	B	B	U	B	B	U
Aniline Hydrochlorine	A						U
Aniline Sulfate	A						
Aniline Sulfite	A						
Animal Fats	A	A	B	B	A	A	U
Animal Oils	A						U
Anisole	A						
Anisoyl Chloride	A						
Ansul's Ether	A	C	C	U	C	U	
Anthracene	A						
Anthranilic Acid	A						C
Anthraquinone	A						
Antifreeze Solutions	A* 6375						C
Antimony Chloride	A						A
Antimony Pentachloride	A						A
Antimony Pentafluoride	B						A
Antimony Sulfate	A						
Antimony Tribromide	A						
Antimony Trichloride	A						
Antimony Trifluoride	B						
Antimony Trioxide	A						C
Aqua Regia	A	U	C	U	C	B	
Arachidic Acid	A						C
Argon Gas	A						U
Arochlor ² , 1248	A	C	C	B	B	A	U
Arochlor ² , 1254	A	U	C	C	B	A	U

Chemical	Kalrez®	NBR	EPDM	VMQ	FVMQ	FKM	T
Arochlor ² , 1260	A	A	A	B	A	A	U
Aromatic Fuels	A						
Arsenic Acid	A	A	A	A	A	A	
Arsenic Oxide	A						
Arsenic Trichloride	A	A	C	—	—	—	
Arsenic Trioxide	A						
Arsenic Trisulfide	A						
Arsenites	A						
Arsine	A						
Aryl Orthosilicate	A						
Ascorbic Acid	A						A
Askarel	A	B	U	U	B	A	U
Aspartic Acid	A						
Asphalt	A	B	U	U	B	A	A
ASTM ³ Oil, No. 1	A						A
ASTM ³ Oil, No. 2	A						C
ASTM ³ Oil, No. 3	A						C
ASTM ³ Oil, No. 4	A						C
ASTM ³ Ref. Fuel A	A						A
ASTM ³ Ref. Fuel B	A						A
ASTM ³ Ref. Fuel C	A						B
Automatic Transmission Fluids	A						B
Automotive Brake Fluids	A						
Aurex ¹¹ 256	A						
Azobenzene	A						
Barium Carbonate	A						
Barium Chlorate	A						
Barium Chloride (aq)	A	A	A	A	A	A	A
Barium Cyanide	A						
Barium Hydroxide	A	A	A	A	A	A	A
Barium Iodide	A						
Barium Nitrate	A						A
Barium Oxide	A						A
Barium Peroxide	A						A
Barium Polysulfide	A						
Barium Salts	A						
Barium Sulfate (aq)	A	A	A	A	A	A	A
Barium Sulfide (aq)	A	A	A	A	A	A	B
Beet Sugar Liquors	A	A	A	A	A	A	
Benzaldehyde	A	U	A	B	C	U	U
Benzaldehyde-disulfonic Acid	A*						U
Benzamide	A						U
Benzanthrone	A						
Benzene	A	U	U	U	C	A	U
Benzene Hexachloride	A						U
Benzene Sulfonic Acid	A	U	C	U	B	A	
Benzidine	A						
Benzidine 3 Sulfonic Acid	A						
Benzil	A						
Benzilic Acid	A						
Benzine (Ligroin)	A	A	U	U	A	A	
Benzoic Acid	A* 6375	C	C	C	B	A	
Benzoin	A						
Benzonitrile	A						
Benzophenone	A						B
Benzoquinone	A						U
Benzotrithloride	A						U
Benzotrifluoride	A						U
Benzoyl Chloride	A	U	U	—	B	A	C
Benzoyl Peroxide	A						C
Benzoylsulfonic Acid	A						U

Chemical	Kalrez®	NBR	EPDM	VMQ	FVMQ	FKM	T	Chemical	Kalrez®	NBR	EPDM	VMQ	FVMQ	FKM	T
Benzyl Acetate	A						U	Butyl Butyrate	A						U
Benzyl Alcohol	A	U	A	B	B	A	U	Butyl Carbitol	A	U	A	U	U		U
Benzyl Amine	A* 6375						U	Butyl Cellosolve ⁵	A	C	A	—	U	U	
Benzyl Benzoate	A	U	B	—	A	A	U	Butyl Cellosolve ⁵ Acetate	A						A
Benzyl Bromide	A						C	Butyl Chloride	A						A
Benzyl Butyl Phthalate	A						U	Butyl Ether	A						A
Benzyl Chloride	A	U	U	U	B	A	C	Butyl Glycolate	A						
Benzyl Phenol	A							Butyl Lactate	A						
Benzyl Salicylate	A							Butyl Laurate	A						
Beryllium Chloride	A							Butyl Mercaptan	A						U
Beryllium Fluoride	A							Butyl Methacrylate	A						
Beryllium Oxide	A							Butyl Oleate	A	U	B	—	B	A	
Beryllium Sulfate	A							Butyl Oxalate	A						
Bismuth Carbonate	A							Butyl Phenols	A						
Bismuth Nitrate	A							Butyl Stearate	A	B	C	—	B	A	A
Bismuth Oxychloride	A							Butylbenzoic Acid	A						
Bittern	A						B	Butylene	A	B	U	U	B	A	B
Blast Furnace Gas	A	U	U	A	B	A		Butyraldehyde	A* 6375	U	B	U	U	U	C
Bleach Solutions	A* 2037	U	A	B	B	A		Butyric Acid	A						C
Borax Solution								Butyric Anhydride	A						
(Sodium Borate)	A	B	A	B	B	A		Butyrolactone	A						
Bordeaux Mixture	A	B	A	B	B	A		Butyryl Chloride	A						B
Boric Acid	A	A	A	A	A	A	U	Cadmium Chloride	A						
Boric Oxide	A						U	Cadmium Cyanide	A						
Borneol	A							Cadmium Nitrate	A						
Bornyl Acetate	A							Cadmium Oxide	A						
Bornyl Chloride	A						C	Cadmium Sulfate	A						
Bornyl Formate	A							Cadmium Sulfide	A						
Boron Hydride	A							Calcium Acetate	A	B	A	U	U	U	U
Boron Phosphate	A							Calcium Arsenate	A						
Boron Tribromide	A							Calcium Benzoate	A						
Boron Trichloride	A* 7075							Calcium Bicarbonate	A						
Boron Trifluoride	A* 7075							Calcium Bisulfide	A						U
Boron Trioxide	A							Calcium Bisulfite	A	U	U	A	A	A	U
Brine	A	A	A	A	A	A	A	Calcium Bromide	A						
Bromic Acid	A							Calcium Carbide	A						
Bromine, Anhydrous	A	U	U	U	B	A		Calcium Carbonate	A						U
Bromine Pentafluoride	B* 2037							Calcium Chlorate	A						
Bromine Trifluoride	B* 7075	U	U	U	U	U		Calcium Chloride	A	A	A	A	A	A	A
Bromine Water	A*	U	B	U	B	A		Calcium Chromate	A						
Bromobenzene	A	U	U	U	A	A		Calcium Cyanamide	A						C
Bromobenzene Cyanide	A						A	Calcium Cyanide	A						A
Bromochloro- trifluoroethane (Halothane)	A						U	Calcium Fluoride	A						
Bromoform	A							Calcium Gluconate	A						
Bromomethane (Methyl Bromide)	A							Calcium Hydroxide	A	A	A	A	A	A	U
Bromotrifluoromethane	B* 7075							Calcium Hydroxide	A	B	A	B	B	A	U
Brucine Sulfate	A							Calcium Hypochlorite	A						B
Bunker "C" (Fuel Oil)	A	A	U	B	A	A		Calcium Hypophosphite	A						B
Butadiene	A	U	C	U	B	A		Calcium Lactate	A						B
Butane	A	A	U	U	A	A	A	Calcium Naphthenate	A						B
Butanediol	A*							Calcium Nitrate	A	A	A	B	A	A	A
Butyl Acetate	A	U	C	U	U	U	C	Calcium Oxide	A						
Butyl Acetyl Ricinoleate	A	C	A	—	B	A	B	Calcium Oxlate	A						
Butyl Acrylate	A	U	U	—	U	U	B	Calcium Permanganate	A						
Butyl Alcohol	A	A	B	B	B	A	B	Calcium Peroxide	A						U
Butyl Amine	A* 6375	C	B	U	U	U		Calcium Phenol- sulphonate	A						
Butyl Benzoate	A	U	B	—	A	A		Calcium Phosphonate	A						
Butyl Benzolate	A							Calcium Phosphate	A						
								Calcium Phosphate Acid	A						
								Calcium Propionate	A						C
								Calcium Pyridine Sulfonate	A						
								Calcium Salts	A						

Chemical	Kalrez®	NBR	EPDM	VMQ	FVMQ	FKM	T
Calcium Stearate	A						
Calcium Sulfamate	A						
Calcium Sulfate	A						
Calcium Sulfide	A	A	A	B	A	A	
Calcium Sulfite	A						
Calcium Thiocyanate	A						
Calcium Tungstate	A						
Caliche	A						
Camphene	A						
Camphor	A						
Camphoric Acid	A						
Cane Sugar Liquors	A	A	A	A	A	A	
Capric Acid	A						
Caproic Acid	A						
Caproic Aldehyde	A						
Caprolactam	A						
Capronaldehyde	A* 6375						
Carbamate	A	C	B	—	A	A	
Carbazole	A						
Carbitol ⁵	A	B	B	B	B	B	
Carbolic Acid (Phenol)	A	U	B	U	A	A	
Carbon Bisulfide	A	C	U	U	A	A	
Carbon Dioxide	A	A	B	B	A	A	B
Carbon Disulfide	A						
Carbon Fluorides	A						
Carbon Monoxide	A	A	A	A	B	A	U
Carbon Tetrabromide	A						
Carbon Tetrachloride	A	C	U	U	C	A	C
Carbon Tetrafluoride	B						
Carbonic Acid	A	B	A	A	A	A	C
Casein	A						
Castor Oil	A	A	B	A	A	A	C
Caustic Lime	A						
Caustic Potash	A						
Caustic Soda (Sodium Hydroxide)	A						
Cellosolve ⁵	A	U	B	U	U	C	B
Cellosolve ⁵ Acetate	A	U	B	U	U	U	B
Cellulose Acetate	A						
Cellulose Acetate Butyrate	A						
Cellulose Ether	A						
Cellulose Nitrate	A						
Cellulose Tripropionate	A						
Cellulube ⁷ (Phosphate Esters)	A	U	A	A	C	A	U
Cerium Sulfate	A						C
Cerous Chloride	A						
Cerous Fluoride	A						
Cerous Nitrate	A						A
Cetane (Hexadecane)	A						A
Cetyl Alcohol	A						
Chaulmoogric Acid	A						
China Wood Oil (Tung Oil)	A	A	C	U	B	A	
Chloral	A						
Chloramine	A						
Chloranthraquinone	A						
Chlordane	A						
Chloric Acid	A						
Chlorinated Solvents	A						
Chlorine (Dry)	A	U	U	U	A	A	
Chlorine (Wet)	B*	U	C	U	B	B	
Chlorine Dioxide	B* 2037	U	C	—	B	A	

Chemical	Kalrez®	NBR	EPDM	VMQ	FVMQ	FKM	T
Chlorine Trifluoride	B	U	U	U	C	U	
1-Chloro-1-Nitro Ethane	A	U	U	U	U	U	
Chloro Oxyfluorides	B						
Chloro Xylenols	A						
Chloroacetaldehyde	B*						
Chloroacetic Acid	A	U	A	—	U	U	
Chloroacetone	A	U	A	U	U	U	
Chloroacetyl Chloride	A						
Chloroamino Benzoic Acid	A						
Chloroaniline	A						
Chlorobenzaldehyde	A*						
Chlorobenzene	A	U	U	U	B	A	U
Chlorobenzene Chloride	A						U
Chlorobenzene Trifluoride	A						U
Chlorobenzochloride	A						
Chlorobenzotrifluoride	A	U	B	U	B	A	C
Chlorobromomethane	A						
Chlorobromopropane	A						
Chlorobutadiene (Chloroprene)	A	U	U	U	B	A	
Chlorobutane (Butyl Chloride)	A						
Chlorodifluoromethane	B* 7075						
Chlorododecane	A	U	U	U	A	A	
Chloroethane	A						C
Chloroethane Sulfonic Acid	A						C
Chloroethylbenzene	A						
Chloroform	A	U	U	U	U	A	
Chlorohydrin	A						
O-Chloronaphthalene	A	U	U	U	B	A	
Chloronitrobenzene	A						
Chloropentafluoroethane	B* 7075						
Chlorophenol	A						
Chloropicrin	A						
Chloroprene	A						
Chlorosilanes	A						
Chlorosulfonic Acid	A	U	U	U	U	U	U
Chlorotoluene	A	U	U	U	B	A	U
Chlorotoluene Sulfonic Acid	A						U
Chlorotoluidine	A						U
Chlorotrifluoroethylene (CTFE)	B* 7075						A
Chlorotrifluoromethane (Freon [®] B)	B* 7075						A
Chloroxylols	A						
Cholesterol	A						
Chrome Alum	A						C
Chrome Plating Solutions	A	U	B	B	B	A	
Chromic Acid	A	U	C	C	C	A	U
Chromic Chloride	A						U
Chromic Fluorides	A						C
Chromic Hydroxide	A						
Chromic Nitrates	A						B
Chromic Oxide	A						C
Chromic Phosphate	A						
Chromic Sulfate	A						
Chromium Potassium Sulfate (Alum)	A						

Chemical	Kalrez®	NBR	EPDM	VMQ	FVMQ	FKM	T
Chromyl Chlorides	A						
Cinnamic Acid	A						
Cinnamic Alcohol	A						
Cinnamic Aldehyde	A						
Citric Acid	A	A	A	A	A	A	A
Clorox ¹⁶	A	B	B	B	B	A	
Coal Tar	A	A	U	U	A	A	
Cobaltous Acetate	A						
Cobaltous Bromide	A						
Cobaltous Chloride	A	A	A	B	A	A	
Cobaltous Linoleate	A						
Cobaltous Naphthenate	A						
Cobaltous Sulfate	A						
Coconut Oil	A	A	C	A	A	A	A
Cod Liver Oil	A	A	A	B	A	A	
Codien	A						
Coke Oven Gas	A	U	U	B	B	A	
Copper Acetate	A	B	A	U	U	U	U
Copper Ammonium Acetate	A						C
Copper Carbonate	A						
Copper Chloride	A	A	A	A	A	A	U
Copper Cyanide	A	A	A	A	A	A	
Copper Gluconate	A						
Copper Naphthenate	A						
Copper Nitrate	A						C
Copper Oxide	A						
Copper Salts	A						
Copper Sulfate	A	A	A	A	A	A	C
Corn Oil	A	A	C	A	A	A	C
Cottonseed Oil	A	A	B	A	A	A	C
Creosote (Coal Tar)	A	A	U	U	A	A	C
Cresol (Methyl Phenol)	A	U	U	U	B	A	C
Cresylic Acid	A	U	U	U	B	A	U
Crotonaldehyde	A						
Crotonic Acid	A						
Crude Oil	A						U
Cumaldehyde	A						
Cumene							
(Isopropylbenzene)	A	U	U	U	B	A	
Cumene Hydroperoxide	A						U
Cutting Oils	A						
Cyanamide	A						
Cyanides	A						
Cyanoacetic Acid	A* 7075						
Cyanogen Chloride	A						
Cyanogen Gas	A						
Cyanohydrin	A						
Cyanuric Chloride	A						
Cyclohexane	A	A	U	U	B	A	A
Cyclohexanol	A	C	C	U	A	A	B
Cyclohexanone	A	U	B	U	U	U	B
Cyclohexene	A						
Cyclohexylamine	A* 1050LF/6375						
Cyclohexylamine Carbonate	A* 1050LF/6375						
Cyclohexylamine Laurate	A* 1050LF/6375						
Cyclopentadiene	A						
Cyclopentane	A						
Cyclopolyolefins	A						
P-Cymene (Isopropyl-toluene)	A	U	U	U	B	A	U

Chemical	Kalrez®	NBR	EPDM	VMQ	FVMQ	FKM	T
DDT (Dichlorodiphenyl-trichloroethane)	A						
Decane	A	A	U	B	A	A	A
Deionized Water	A* 6375						U
Denatured Alcohol	A	A	A	A	A	A	
Detergent Solutions	A	A	A	A	A	A	
Developing Fluids	A	A	B	A	A	A	
Dextrin	A						
Dextro Lactic Acid	A						
Dextrose	A						
Diacetone	A	U	A	U	U	U	C
Diacetone Alcohol	A	U	A	B	U	U	C
Dialkyl Sulfates	A						
Diallyl Ether	A						
Diallyl Phthalate	A						
Diamylamine	A* 6375						
Diazinon	A						
Dibenzyl (sym-Diphenylethane)	A						
Dibenzyl Ether	A	U	B	—	—	U	B
Dibenzyl Sebecate	A	U	B	C	C	B	B
Diborane	A						
Dibromoethane	A						
Dibromoethylbenzene	A	U	U	U	B	B	
Dibutyl Amine	A* 6375	U	C	C	U	U	C
Dibutyl Cellosolve ⁵							
Adipate	A						
Dibutyl Ether	A	U	C	U	C	C	A
Dibutyl Methylene-dithio Glycolate	A						
Dibutyl Phthalate	A	U	B	B	C	C	B
Dibutyl Sebecate	A	U	B	B	B	B	B
Dibutyl Thioglycolate	A						
Dibutyl Thiourea	A						
Dichloroacetic Acid	A						
Dichloroaniline	A						
O-Dichlorobenzene	A	U	U	U	B	A	A
Dichlorobutane	A						U
Dichlorobutene	A						
Dichlorodifluoromethane	B* 7075						
Dichlorodiphenyl-Dichloroethane (DDD)	A						C
Dichloroethane	A						U
Dichloroethylene	A						
Dichlorofluoromethane	A						
Dichlorohydrin	A						
Dichloroisopropyl Ether	A	U	C	U	C	C	
Dichloromethane	A						U
Dichlorophenol	A						
Dichlorophenoxyacetic Acid	A						
Dichloropropane	A						U
Dichloropropene	A						
Dichlorosilane	A						U
Dichlorotetrafluoroethane	B						B
Dicyclohexylamine	A* 1050LF/6375	C	U	—	U	U	U
Dicyclohexylammonium Nitrate	A						
Dieldrin	A						
Diesel Oil	A	A	U	U	A	A	
Diethanolamine (DEA)	A* 1050LF/6375						C
Diethyl Carbonate	A						
Diethyl Ether	A	U	U	U	C	U	

Chemical	Kalrez®	NBR	EPDM	VMQ	FVMQ	FKM	T
Diethyl Phthalate	A						
Diethyl Sebecate	A	B	B	B	B	B	
Diethyl Sulfate	A						
Diethylamine	A* 6375	B	B	B	U	U	C
Diethylaniline	A						
Diethylbenzene	A	U	U	U	C	A	
Diethylene Glycol	A	A	A	B	A	A	
Diethylenetriamine	A* 1050LF						
Difluorodibromomethane	A						U
Difluorodichloromethane	B* 6375/7075						
Difluoroethane	A						
Difluoromonochloroethane	A						U
Diglycol Chloroformate	A						
Diglycolic Acid	A						
Dihydroxydiphenylsulfone	A						
Diisobutyl Ketone	A						
Diisobutylcarbinol	A						
Diisobutylene	A	B	U	U	C	A	C
Diisopropyl Ether (DIPE)	A						
Diisopropyl Ketone	A	U	A	U	U	U	
Diisopropylbenzene	A	U	U	—	B	A	
Diisopropylidene Acetone	A	U	C	U	U	U	
Dimethyl Acetamide	A						
Dimethyl Aniline (Xylidine)	A	C	B	U	U	U	
Dimethyl Disulfide (DMDS)	A						
Dimethyl Ether (Methyl Ether) (Monomethyl Ether)	A	A	U	A	A	A	
Dimethyl Formaldehyde	A						C
Dimethyl Formamide (DMF)	A	B	B	B	U	U	C
Dimethyl Hydrazine	A						
Dimethyl Phenyl Carbinol	A						B
Dimethyl Phenyl Methanol	A						B
Dimethyl Phthalate	A	U	B	—	B	B	B
Dimethyl Sulfoxide (DMSO)	A						
Dimethyl Terephthalate (DMT)	A						
Dimethylamine (DMA)	A* 1050LF/6375						
Dinitrochlorobenzene	A						
Dinitrogen Tetroxide	B* 1045						
Dinitrotoluene (DNT)	A	U	U	U	U	U	U
Diocetyl Phthalate	A	C	B	C	B	B	B
Diocetyl Sebecate	A	U	B	C	C	B	C
Diocetylamine	A						
Dioxane	A	U	B	U	C	U	U
Dioxolane	A	U	B	U	U	U	U
Dipentene	A	B	U	U	C	A	A
Diphenyl (Biphenyl/Phenylbenzene)	A	U	U	U	B	A	
Diphenyl Oxide (Diphenyl Ether)	A	U	U	C	B	A	U
Diphenylamine (DPA)	A						
Diphenylene Oxide	A						
Diphenylpropane	A						
Di-Tert-Butyl Peroxide	A						
Dodecylbenzene	A						
Dowanol® P Mix	A						
Dowtherm® Fluids	A	U	U	C	B	A	U
Dry Cleaning Fluids	A	C	U	U	B	A	U

Chemical	Kalrez®	NBR	EPDM	VMQ	FVMQ	FKM	T
Epichlorohydrin	A* 6375	U	B	U	U	U	U
Erucic Acid	A						
Ethane	A	A	U	U	B	A	A
Ethanol	A						A
Ethanolamine	A* 1050LF	B	B	B	U	U	U
Ethers	A						A
Ethyl Acetate	A	U	B	B	U	U	B
Ethyl Acetoacetate	A	U	B	B	U	U	B
Ethyl Acrylate	A	U	B	B	U	U	
Ethyl Alcohol	A	A	A	A	A	C	
Ethyl AluminumDichloride	A						
Ethyl Benzene	A	U	U	U	A	A	U
Ethyl Benzoate	A	U	A	U	A	A	B
Ethyl Bromide	A						
Ethyl Butyrate	A* 7075						
Ethyl Cellosolve ⁵	A	U	U	U	U	U	B
Ethyl Cellulose	A	B	B	C	U	U	U
Ethyl Chloride	A	A	C	U	A	A	U
Ethyl Chlorocarbonate	A	U	B	U	B	A	U
Ethyl Chloroformate	A	U	B	U	U	U	U
Ethyl Ether	A	C	C	U	C	U	C
Ethyl Formate	A* 7075	U	B	—	A	A	U
Ethyl Hexanol	A						
Ethyl Lactate	A						
Ethyl Mercaptan	A	U	C	C	—	B	
Ethyl Nitrite	A						
Ethyl Oxalate	A	U	A	U	B	A	A
Ethyl Pentachlorobenzene	A	U	U	U	B	A	
Ethyl Pyridine	A						
Ethyl Silicate	A	A	A	—	A	A	B
Ethyl Stearate	A						
Ethyl Tertiary Butyl Ether (ETBE)	A						C
Ethyl Valerate	A						
Ethylamine	A* 1050LF						C
Ethylcyclopentane	A						
Ethylene	A	A	B	—	A	A	
Ethylene Chloride	A	U	C	U	C	B	C
Ethylene Chlorohydrin	A	U	B	C	B	A	
Ethylene Cyanohydrin	A						
Ethylene Dibromide	A						
Ethylene Dichloride	A	U	C	U	C	A	C
Ethylene Glycol	A	A	A	A	A	A	B
Ethylene Hydrochloride	A						C
Ethylene Oxide	A* 2035/6375	U	C	U	U	U	
Ethylene Trichloride	A	U	C	U	C	A	C
Ethylenediamine	B* 1050LF	A	A	A	U	U	C
Ethyleneimine	A						
Ethylmorpholine	A						
Ethylsulfuric Acid	A						
Fatty Acids	A	B	C	C	—	A	
Ferric Acetate	A						
Ferric Ammonium Sulfate	A						
Ferric Chloride (aq)	A	A	A	B	A	A	A
Ferric Ferrocyanide	A						
Ferric Hydroxide	A						
Ferric Nitrate (aq)	A	A	A	C	A	A	A

Chemical	Kalrez®	NBR	EPDM	VMQ	FVMQ	FKM	T
Ferric Sulfate (aq)	A	A	A	B	A	A	A
Ferrous Ammonium Citrate	A						
Ferrous Ammonium Sulfate	A						
Ferrous Carbonate	A						
Ferrous Chloride	A						
Ferrous Iodide	A						
Ferrous Sulfate	A						
Ferrous Tartrate	A						
Fish Oil	A	A	U	A	A	A	
Fluorinated Cyclic Ethers	A* 7075	—	A	—	—	—	
Fluorine (Gas)	B						U
Fluorine (Liquid)	B	U	U	U	—	B	U
Fluorobenzene	A	U	U	U	B	A	
Fluoroboric Acid (Fluoboric Acid)	A* 7075	A	A	—	—	—	U
Fluorocarbon Oils	B* 7075	—	A	—	—	—	
Fluoroform	A* 7075						
Fluorolube ⁹	B* 7075	A	A	A	B	B	A
Fluorophosphoric Acid	A						
Fluorosilicic Acid	A	A	B	U	U	A	
Fluorosulfonic Acid	A						
Formaldehyde	A*	C	A	B	U	U	
Formamide	A* 6375						
Formic Acid	A* 6375	B	A	B	C	C	B
Freon [®] 22	A* 6375	U	A	U	U	U	
Freon [®] 23	A* 6375						
Fuel Oils	A	A	U	U	A	A	
Fumaric Acid	A	A	B	B	A	A	
Fuming Sulfuric Acid	A						U
Furan, Furfuran	A	U	C	—	—	—	B
Furfural (Furfuraldehyde)	A*	U	B	U	—	U	U
Furfuryl Alcohol	A						
Furoic Acid	A* 6375						
Fyrquel ⁷	A	U	A	A	C	A	U
Gallic Acid	A	B	B	—	A	A	
Gasoline	A	B	U	U	A	A	A
Gelatin	A	A	A	A	A	A	
Glauber's Salt	A	U	B	—	A	A	
Gluconic Acid	A						
Glucose	A	A	A	A	A	A	C
Glue	A	A	A	A	A	A	
Glutamic Acid	A						
Glycerin (Glycerol)	A	A	A	A	A	A	B
Glycerol Dichlorohydrin	A						
Glycerol Monochlorohydrin	A						
Glycerol Triacetate	A						
Glycerophosphoric Acid	A						
Glyceryl Phosphate	A						
Glycidol	A						B
Glycol Monoether	A						
Glycolic Acid	A						
Glycols	A	A	A	A	A	A	
Glyoxylic Acid	A						
Green Sulfate Liquor	A	B	A	A	B	A	
Halothane	A						U
Halowax ¹⁰ Oil	A	U	U	U	A	A	
Heavy Water	A						
Helium	A						A
Heptachlor	A						
Heptachlorobutene	A						
Heptaldehyde (Heptanal)	A* 6375						C

Chemical	Kalrez®	NBR	EPDM	VMQ	FVMQ	FKM	T
Heptane	A						C
Heptanoic Acid	A						
Hexachloroacetone	A						
Hexachlorobutadiene	A						
Hexachlorobutene	A						
Hexachloroethane	A						
Hexaethyl Tetraphosphate	A						
Hexafluoroethane	B* 7075						
Hexafluoroxylene	A						
N-Hexaldehyde	A* 6375	U	A	B	U	U	
Hexamethyldisilazane	A						
Hexamethylene (Cyclohexane)	A						
Hexamethylene Diammonium Adipate	A						
Hexamethylene diamine	B* 1050LF						
Hexamethylenetetramine	B* 1050LF						
Hexane	A	A	U	U	A	A	A
N-Hexene-1	A	B	U	U	A	A	
Hexone (Methyl Isobutyl Ketone)	A						
Hexyl Acetate	A						
Hexyl Alcohol	A	A	C	B	B	A	A
Hexylene Glycol	A						
Hexylresorcinol	A						
HCFC 141b	A* 6375						
HCFC 142b	B* 6375	A	B	—	—	U	U
Hydrazine	A* 1050LF	B	A	C	U	U	U
Hydrazine Dihydrochloride	A						
Hydrazine Hydrate	A* 1050LF						
Hydraulic Oils (Petroleum Base)	A	A	U	C	A	A	A
Hydraulic Oils (Synthetic Base)	A						B
Hydriodic Acid	A* 6375/7075						
Hydroabietyl Alcohol	A						
Hydrobromic Acid	A	U	A	U	C	A	
Hydrobromic Acid 40%	A	U	A	U	C	A	
Hydrocarbons	A						A
Hydrochloric Acid (cold) 37%	A	C	A	C	B	A	U
Hydrochloric Acid (conc.) 37%	A						
Hydrochloric Acid (hot) 37%	A	U	C	U	C	B	U
Hydrocyanic Acid	A	B	A	C	B	A	U
Hydrofluoric Acid (Anhydrous)	A	U	C	U	U	U	U
Hydrofluoric Acid (conc.) Cold	A	U	C	U	U	A	U
Hydrofluoric Acid (conc.) Hot	A* 7075	U	U	U	U	C	U
Hydrofluosilicic Acid	A	A	B	U	U	A	U
Hydrogen Bromide (Anhydrous)	A						
Hydrogen Chloride (Anhydrous)	A						
Hydrogen Cyanide	A						U
Hydrogen Fluoride (Anhydrous)	A* 7075						
Hydrogen Gas	A	A	A	C	C	A	
Hydrogen Iodide (Anhydrous)	A						
Hydrogen Peroxide (90%)	A	U	B	B	B	B	C
Hydrogen Selenide	A						
Hydrogen Sulfide							

Chemical	Kalrez®	NBR	EPDM	VMQ	FVMQ	FKM	T
(Wet) Cold	A	U	A	C	C	U	A
Hydrogen Sulfide							
(Wet) Hot	A*	U	A	C	C	U	A
Hydroquinone	A	U	B	B	B	B	C
Hydroxycitronellal	A						
Hydroxyacetic Acid	A						
Hydyne	A						C
Hypochlorous Acid	A* 2037	U	B	—	—	A	C
Indole	A						
Insulin	A						
Iodic Acid	A						
Iodine	A						
Iodine Pentafluoride	B	U	U	U	U	U	
Iodoform	A	—	U	—	—	—	
Iso Crotyl Chloride	A						
Iso Dodecane	A						
Isoamyl Acetate	A						C
Isoamyl Butyrate	A						C
Isoamyl Valerate	A						
Isoboreol	A						
Isobutane	A						
Isobutyl Acetate	A						
Isobutyl Alcohol	A	B	A	A	B	A	B
Isobutyl Chloride	A						B
Isobutyl Methyl Ketone	A						
Isobutyl Phosphate	A						
Isobutylene	A						
Isobutyric Acid	A						
Isodecanol	A						
Isoeugenol	A						
Isooctane	A	A	U	U	A	A	
Isopentane	A						
Isophorone	A	U	C	U	U	U	
Isopropyl Acetate	A	U	B	U	U	U	B
Isopropyl Alcohol							
(Isopropanol)	A	B	A	A	B	A	B
Isopropyl Chloride	A	U	U	U	B	A	U
Isopropyl Ether	A	B	U	U	C	U	B
Isopropylacetone	A						
Isopropylamine	A* 6375						U
Isovaleric Acid	A						C
Jet A Fuel	A						
JP 3 Fuel	A						B
JP 4 Fuel	A						B
JP 5 Fuel	A						B
JP 6 Fuel	A						B
Kerosene	A	A	U	U	A	A	B
Lacquer Solvents	A	U	U	U	U	U	A
Lacquers	A	U	U	U	U	U	A
Lactic Acid (Cold)	A	A	A	A	A	A	C
Lactic Acid (Hot)	A	U	U	B	B	A	C
Lard (Animal Fats)	A	A	B	B	A	A	
Lauric Acid	A						
Lavender Oil	A	B	U	U	B	A	
Lead (Molten)	A						
Lead Acetate	A	B	A	U	U	U	
Lead Arsenate	A						
Lead Azide	A						
Lead Bromide	A						C
Lead Carbonate	A						C
Lead Chloride	A						C
Lead Chromate	A						
Lead Dioxide	A						C
Lead Linoleate	A						
Lead Naphthenate	A						

Chemical	Kalrez®	NBR	EPDM	VMQ	FVMQ	FKM	T
Lead Nitrate	A	A	A	B	A	—	C
Lead Oxide	A						
Lead Sulfamate	A	B	A	B	A	A	A
Ligroin (Benzine/ Nitrobenzine)	A	A	U	U	A	A	A
Lime Bleach	A	A	A	B	A	A	C
Lime Sulfur	A	U	A	A	A	A	C
Lindol ¹ (Hydraulic Fluids)	A	U	A	C	C	B	C
Linoleic Acid	A	B	U	B	—	B	C
Linseed Oil	A	A	C	A	A	A	B
Liquefied Petroleum Gas (LPG)	A	A	U	C	C	A	B
Lithium Bromide (Brine)	A						
Lithium Carbonate	A						
Lithium Chloride	A						
Lithium Citrate	A						
Lithium Hydroxide	A						
Lithium Hypochlorite	A						
Lithium Nitrate	A						
Lithium Nitrite	A						
Lithium Perchlorate	A*						
Lithium Salicylate	A						
Lithopone	A						
Lubricating Oils (Petroleum Base)	A	A	U	U	A	A	
Lubricating Oils (Synthetic Base)	A						
Lye	A	B	A	B	A	B	B
Magnesium Chloride	A	A	A	A	A	A	C
Magnesium Hydroxide	A	B	A	—	—	A	C
Magnesium Salts	A						
Magnesium Sulfate	A	A	A	A	A	A	C
Magnesium Sulfite	A						B
Magnesium Trisilicate	A						
Malathion	A						
Maleic Acid	A	U	B	—	—	A	B
Maleic Anhydride	A	U	B	—	—	U	
Maleic Hydrazide	A						
Malic Acid	A	A	B	B	A	A	
Mandelic Acid	A						
Manganese Acetate	A						
Manganese Carbonate	A						B
Manganese Dioxide	A						
Manganese Gluconate	A						
Manganese Hypophosphite	A						
Manganese Linoleate	A						
Manganese Naphthenate	A						
Manganous Chloride	A						
Manganous Phosphate	A						
Manganous Sulfate (aq)	A						
Mannitol	A						
MDI (Methylene-di-p- phenylene isocyanate)	A						
Mercaptan	A						
Mercaptobenzothiazole (MBT)	A						
Mercuric Acetate	A						
Mercuric Cyanide	A						
Mercuric Iodide	A						
Mercuric Nitrate	A						
Mercuric Sulfate	A						
Mercuric Sulfite	A						
Mercurous Nitrate	A						

Chemical	Kalrez®	NBR	EPDM	VMQ	FVMQ	FKM	T
Mercury	A	A	A	—	—	A	
Mercury Chloride	A	A	A	—	—	A	
Mercury Fulminate	A						
Mercury Salts	A						
Mesityl Oxide	A	U	B	U	U	U	B
Metacresol	A						
Metaldehyde	A						
Metanitroaniline	A						
Metatoluidine	A						
Methacrylic Acid	A	U	B	U	U	U	
Methyl Chloride	A						
Methane	A	A	U	U	B	A	
Methoxychlor	A						
Methyl Abietate	A						
Methyl Acetate	A	U	A	U	U	U	C
Methyl Acetoacetate	A						B
Methyl Acetophenone	A						
Methyl Acrylate	A	U	B	U	U	U	B
Methyl Alcohol (Methanol)	A	A	A	A	A	U	C
Methyl Amylketone	A						
Methyl Anthranilate	A						
Methyl Benzoate	A						B
Methyl Butyl Ketone	A	U	A	C	U	U	
Methyl Butyrate							
Cellosolve ⁵	A						
Methyl Butyrate Chloride							C
Methyl Carbonate	A						C
Methyl Cellosolve ⁵	A	C	B	U	U	U	
Methyl Cellulose	A						C
Methyl Chloride	A	U	C	U	B	B	C
Methyl Chloroacetate	A						
Methyl Chloroformate	A						C
Methyl Chlorosilanes	A						
Methyl Cyanide (Acetonitrile)	A						
Methyl Cyclohexanone	A						
Methyl Cyclopentane	A	U	U	U	B	B	B
Methyl Dichloride	A						
Methyl Ether (Dimethyl Ether/ Monomethyl Ether)	A	A	U	A	A	A	B
Methyl Ethyl Ketone (MEK)	A	U	A	U	U	U	A
Methyl Ethyl Ketone Peroxide	A						C
Methyl Ethyl Oleate	A						
Methyl Formate	A	U	B	—	—	—	C
Methyl Hexyl Ketone (2-Octanone)	A						
Methyl Iodide	A						
Methyl Isobutyl Ketone (MIBK)	A	U	B	U	U	U	
Methyl Isocyanate	A						C
Methyl Isopropyl Ketone	A						B
Methyl Isovalerate	A						
Methyl Lactate	A						
Methyl Methacrylate	A	U	C	U	U	U	B
Methyl Oleate	A	U	B	—	B	B	
Methyl Pentadiene	A						
Methyl Phenylacetate	A						
Methyl Salicylate	A	U	B	—	—	—	
Methyl Tertiary Butyl Ether (MTBE)	A						C
Methyl Valerate	A						

Chemical	Kalrez®	NBR	EPDM	VMQ	FVMQ	FKM	T
Methylacrylic Acid	A	U	B	U	U	U	C
Methylal	A* 6375						
Methylamine	A* 6375						
Methylamyl Acetate	A						
Methylene Bromide	A	B	U	—	A	A	C
Methylene Chloride	B	U	C	U	B	B	C
Methylene Iodide	A						
Methylglycerol	A						
Methylisobutyl Carbinol	A						
Methylpyrrolidine	A						
Methylpyrrolidone	A						
Methylsulfuric Acid	A						
MIL-L-23699 Lubricants	A						
MIL-L-7808 Lubricants	A						
Mineral Oil	A	A	C	B	A	A	
Mixed Acids	A						
Mobil 254 ¹¹ Lubricant	A						
MobilJet II ¹¹ Lubricant	A						
Molybdenum Oxide	A						
Molybdenum Trioxide	A						
Molybdic Acid	A						
Morpholine	A						
Motor Oils	A						B
Mustard Gas	A	—	A	A	—	—	
Myristic Acid	A						
Naphtha	A	B	U	U	B	A	
Naphthalene	A	U	U	U	A	A	B
Naphthalene Chloride	A						
Naphthalene Sulfonic Acid	A						
Naphthalenic Acid	A	B	U	U	A	A	B
Naphthalonic Acid	A						
Naphthenic Acid	A						
Naphthylamine	A						
Natural Gas	A	A	U	A	C	A	
Neatsfoot Oil	A	A	B	B	A	A	
Neon	A						A
Neville Acid	A	U	B	U	B	A	A
Nickel Acetate (aq)	A	B	A	U	U	U	
Nickel Ammonium Sulfate	A						
Nickel Chloride (aq)	A	A	A	A	A	A	A
Nickel Cyanide	A						
Nickel Nitrate	A						
Nickel Salts	A						
Nickel Sulfate (aq)	A	A	A	A	A	A	C
Nicotinamide (Niacinamide)	A						
Nicotinamide Hydro- chloride	A						
Nicotine	A						
Nicotine Sulfate	A						
Niter Cake	A	A	A	A	A	A	C
Nitric Acid (0–50%)	A* 7075/6375	U	B	B	B	A	C
Nitric Acid (50–100%)	A* 7075/6375	U	U	U	C	C	C
Nitric Acid, Inhibited Red Fuming	A*	U	U	U	U	U	C
Nitric Acid, White Fuming	B*						
Nitroaniline	A						
Nitrobenzene	A	U	A	U	U	B	C
Nitrobenzoic Acid	A						
Nitrocellulose	A						
Nitrochlorobenzene	A						
Nitrochloroform	A						

Chemical	Kalrez®	NBR	EPDM	VMQ	FVMQ	FKM	T
Nitrodiethylaniline	A						
Nitrodiphenyl Ether	A						
Nitroethane	A	U	B	U	U	U	
Nitrofluorobenzene	A						
Nitrogen	A	A	A	A	A	A	A
Nitrogen Oxides	A						C
Nitrogen Peroxide	A* 2037						C
Nitrogen Tetroxide	B* 1045	U	C	U	U	U	C
Nitrogen Trifluoride	B* 7075						C
Nitroglycerine	A						
Nitroglycerol	A						
Nitroisopropylbenzene	A						
Nitromethane	A	U	B	U	U	U	
Nitrophenol	A						
Nitropropane	A						
Nitrosyl Chloride	A						
Nitrosylsulphuric Acid	A						
Nitrothiophene	A						
Nitrotoluene	A						C
Nitrous Acid	A						
Nitrous Oxide	A*						
Nonane	A						
Octachlorotoluene	A	U	U	U	B	A	
Octadecane	A	A	U	U	A	A	
Octanal	A* 6375						
N-Octane	A	B	U	U	B	A	B
Octyl Acetate	A						
Octyl Alcohol	A	B	C	B	B	A	B
Octyl Chloride	A						
Octyl Phthalate	A						
Olefins	A						
Oleic Acid	A	C	U	U	—	B	
Oleum (Fuming Sulfuric Acid)	A	B	U	U	B	A	
Oleyl Alcohol	A						
Olive Oil	A	A	B	C	A	A	C
Ortho Chloroaniline	A						
Ortho Chlorophenol	A						
Ortho Cresol	A						
Ortho Nitrotoluene	A						C
Orthophos ¹⁷ Acid	A						
Oxalic Acid	A	B	A	B	A	A	
Oxygen (Cold)	A* 2037	B	A	A	A	A	C
Oxygen (Hot)	A*	U	C	B	U	B	C
Ozone	A*	U	A	A	B	A	A
Paint Thinner	A	U	U	U	B	B	
Paracymene	A						
Para-Dichlorobenzene	A						U
Paraffins	A						
Para-Formaldehyde	A*						
Paraldehyde	A*						U
Para-Nitroaniline	A						
Para-Nitrobenzoic Acid	A						
Para-Nitrophenol	A						
Parathion	A						
Para-Toluene Sulfonic Acid	A						
Peanut Oil	A	A	C	A	A	A	C
Pectin (Liquor)	A						
Pelagonic Acid	A						
Penicillin (Liquid)	A						
Pentachloroethane	A						

Chemical	Kalrez®	NBR	EPDM	VMQ	FVMQ	FKM	T
Pentachlorophenol	A						
Pentaerythritol	A						
Pentaerythritol Tetranitrate	A						
Pentane	A						A
Pentoxone ¹³	A						
Pentyl Pentanoate	A						
Peracetic Acid	A						C
Perchloric Acid	A* 7075	U	B	U	A	A	C
Perchloroethylene	A	B	U	U	B	A	B
Perfluorotriethylamine	B* 1050LF						
Permanganic Acid	A* 2037						
Persulfuric Acid (Caro's Acid)	A						C
Petrolatum	A						
Petrolatum Ether	A						
Petroleum, Crude	A* 6375						
Petroleum—Above 121°C (250°F)	A	U	U	U	U	B	
Petroleum—Below 121°C (250°F)	A	A	U	B	B	A	
Phenol (Carbolic Acid)	A	U	B	U	A	A	
Phenolic Sulfonate	A						
Phenolsulfonic Acid	A						
Phenyl Acetate	A						
Phenyl Ethyl Ether (Phenetole)	A	U	U	U	U	U	C
Phenyl Hydrazine	A* 1050LF	U	B	—	—	A	C
Phenylacetamide	A						
Phenylacetic Acid	A						
Phenylbenzene (Biphenyl/Diphenyl)	A	U	U	U	B	A	
Phenylene Diamine	A* 1050LF						
Phenylethyl Alcohol	A						
Phenylethyl Molonic Ester	A						
Phenylglycerine	A						
Phenylhydrazine Hydrochloride	A* 1050LF						U
Phenylmercuric Acetate	A						
Phorone (Diisopropylidene Acetone)	A	U	C	U	U	U	U
Phosgene	A						
Phosphine	A						
Phosphoric Acid, 20%	A	B	A	B	B	A	B
Phosphoric Acid, 45%	A	U	A	C	B	A	C
Phosphorus (Molten)	A						
Phosphorus Oxychloride	A						C
Phosphorus Trichloride	A	U	A	—	A	A	C
Phthalic Acid	A						
Phthalic Anhydride	A						
Pickling Solution	A	U	C	U	U	B	
Picric Acid	A	B	B	U	B	A	
Pine Oil	A	U	U	U	A	A	B
Pine Tar	A						
Pinene	A	B	U	U	B	A	
Piperazine	A* 6375						
Piperidine	A	U	U	U	U	U	
Plating Solution—Chrome	A	—	A	U	—	A	
Plating Solution—Others	A	A	A	U	—	A	
Polyethylene Glycol	A						
Polyglycerol	A						
Polyglycol	A						
Polyvinyl Acetate Emulsion	A	—	A	—	—	—	

Chemical	Kalrez®	NBR	EPDM	VMQ	FVMQ	FKM	T	Chemical	Kalrez®	NBR	EPDM	VMQ	FVMQ	FKM	T
Potassium (Molten)	U							Potassium Thiosulfate	A						
Potassium Acetate	A	B	A	U	U	U	C	Potassium Triphosphate	A						
Potassium Acid Sulfate	A							Prestone ⁵ Anti-freeze	A						
Potassium Alum	A							Producer Gas	A	A	U	B	B	A	U
Potassium Aluminum Sulfate	A							Propane	A	A	U	U	B	A	A
Potassium Antimonate	A							Propionaldehyde	A*						
Potassium Bicarbonate	A							Propionic Acid	A						
Potassium Bichromate	A							Propionitrile	A						A
Potassium Bifluoride	A						B	Propyl Acetate	A	U	B	U	U	U	C
Potassium Bisulfate	A							Propyl Acetone (Methyl Butyl Ketone)	A	U	A	C	U	U	A
Potassium Bisulfite	A							Propyl Alcohol	A	A	A	A	A	A	A
Potassium Bitartrate	A							Propyl Nitrate	A	U	B	U	U	U	
Potassium Bromide	A							Propyl Propionate	A						
Potassium Carbonate	A							Propylamine	A* 6375						
Potassium Chlorate	A							Propylbenzene	A						
Potassium Chloride	A	A	A	A	A	A	B	Propylene	A	U	U	U	B	A	B
Potassium Chromates	A							Propylene Chloride	A						
Potassium Citrate	A							Propylene Chlorohydrin	A						
Potassium Cuprocyanide	A	A	A	A	A	A	A	Propylene Dichloride	A						
Potassium Cyanate	A							Propylene Glycol	A						
Potassium Cyanide	A	A	A	A	A	A	A	Propylene Imine	A* 1050LF						
Potassium Dichromate	A	A	A	A	A	A	A	Propylene Oxide	A* 2035/6375	U	B	U	U	U	
Potassium Diphosphate	A							Pydraul ² , 10E, 29 ELT	A	U	A	U	U	A	
Potassium Ferricyanide	A							Pydraul ² , 30E, 50E, 65E, 90E	A	U	A	A	A	A	C
Potassium Fluoride	A						B	Pydraul ² , 115E	A	U	A	U	C	A	C
Potassium Glucocyanate	A							Pydraul ² , 230E, 312C, 540C	A	U	U	U	U	A	C
Potassium Hydroxide	A	B	A	C	C	U	B	Pyranol ¹² , Transformer Oil	A	A	U	U	A	A	C
Potassium Hypochlorite	A							Pyridine	A	U	B	U	U	U	C
Potassium Iodate	A							Pyridine Sulfate	A						
Potassium Iodide	A							Pyridine Sulfonic Acid	A						C
Potassium Metabisulfate	A							Pyrogallol (Pyrogallic Acid)	A						
Potassium Metasilicate	A							Pyroligneous Acid	A	U	B	—	U	U	
Potassium Monochromate	A							Pyrosulfuric Acid	A						
Potassium Nitrate	A	A	A	A	A	A	A	Pyrosulfuryl Chloride	A* 7075						
Potassium Nitrite	A							Pyrrrole	A	U	C	B	C	U	C
Potassium Oxalate	A							Pyruvic Acid	A						
Potassium Perchlorate	A							Quinidine	A						
Potassium Perfluoro Acetate	A							Quinine	A						
Potassium Permanganate	A							Quinine Bisulphate	A						
Potassium Peroxide	A							Quinine Hydrochloride	A						
Potassium Persulfate	A							Quinine Sulfate	A						
Potassium Phosphate (Acid)	A							Quinine Tartrate	A						
Potassium Phosphate (Alkaline)	A							Quinizarin	A						
Potassium Phosphate (Di/Tri Basic)	A							Quinoline	A						
Potassium Pyrosulfate	A							Quinone	A						
Potassium Salts	A							Raffinate	A						
Potassium Silicate	A							Rapeseed Oil	A	B	A	U	A	A	C
Potassium Sodium Tartrate	A							Red Oil (MIL-H-5606)	A	A	U	U	A	A	A
Potassium Stannate	A							Resorcinol	A						
Potassium Stearate	A							Rhodium	A						
Potassium Sulfate	A	A	A	A	A	A	B	Riboflavin	A						
Potassium Sulfide	A							Ricinoleic Acid	A						
Potassium Sulfite	A							RJ-1 (MIL-F-25558 B)	A	A	U	U	A	A	
Potassium Tartrate	A							Rosin	A						
Potassium Thiocyanate	A							RP-1 (MIL-H-25576 C)	A	A	U	U	A	A	A
								Saccharin Solution	A						
								Sal Ammoniac	A	A	A	B	A	A	
								Salicylic Acid	A	B	A	—	A	A	
								Salt Water	A*	A	A	A	A	A	
								Sebacic Acid	A						

Chemical	Kalrez®	NBR	EPDM	VMQ	FVMQ	FKM	T
Secondary Butyl Alcohol	A						
Selenic Acid	A						
Selenous Acid	A						
Sewage	A*						
Shellac	A						
Silane	A						
Silicate Esters	A	B	U	U	A	A	
Silicon Fluoride	A						
Silicone Greases	A	A	A	C	A	A	
Silicone Oils	A	A	A	C	A	A	A
Silicone Tetrachloride (Dry)	A						
Silicone Tetrachloride (Wet)	A						B
Silicone Tetrafluoride	A* 7075						B
Silver Bromide	A						
Silver Chloride	A						
Silver Cyanide	A						
Silver Nitrate	A	B	A	A	A	A	
Silver Sulfate	A						
Skydrol ² 500	A	U	A	C	C	U	
Skydrol ² 7000	A	U	A	C	C	B	
Soap Solutions	A	A	A	A	A	A	
Soda Ash	A	A	A	A	A	A	
Sodium (molten)	U						
Sodium Acetate	A	B	A	U	U	U	U
Sodium Acid Bisulfate	A						
Sodium Acid Fluoride	A						
Sodium Acid Sulfate	A						
Sodium Aluminate	A						B
Sodium Aluminate Sulfate	A						
Sodium Anthraquinone Disulfate	A						
Sodium Antimonate	A						
Sodium Arsenate	A						
Sodium Arsenite	A						
Sodium Benzoate	A						
Sodium Bicarbonate	A	A	A	A	A	A	C
Sodium Bichromate	A						B
Sodium Bifluoride	A						
Sodium Bisulfate	A						C
Sodium Bisulfide	A						C
Sodium Bisulfite	A	A	A	A	A	A	C
Sodium Bitartrate	A						
Sodium Borate	A	A	A	A	A	A	
Sodium Bromate	A						
Sodium Bromide	A						
Sodium Carbonate (Soda Ash)	A						C
Sodium Chlorate	A						
Sodium Chloride	A	A	A	A	A	A	C
Sodium Chlorite	A						B
Sodium Chloroacetate	A						
Sodium Chromate	A						B
Sodium Citrate	A						
Sodium Cyanamide	A						C
Sodium Cyanate	A						
Sodium Cyanide	A	A	A	A	A	A	A
Sodium Diacetate	A						
Sodium Diphenyl Sulfonate	A						
Sodium Diphosphate	A						
Sodium Disilicate	A						

Chemical	Kalrez®	NBR	EPDM	VMQ	FVMQ	FKM	T
Sodium Ethylate	A						
Sodium Ferricyanide	A						
Sodium Ferrocyanide	A						A
Sodium Fluoride	A						B
Sodium Fluosilicate	A						
Sodium Glutamate	A						
Sodium Hydride	A						
Sodium Hydrogen Sulfate	A						B
Sodium Hydrosulfide	A						
Sodium Hydrosulfite	A						
Sodium Hydroxide	A	B	A	B	B	B	C
Sodium Hypochlorite	A	B	B	B	B	A	C
Sodium Hypophosphate	A						
Sodium Hypophosphite	A						
Sodium Hyposulfite	A						B
Sodium Iodide	A						
Sodium Lactate	A						
Sodium Metaphosphate	A	A	A	—	A	A	B
Sodium Metasilicate	A						
Sodium Methylate	A						
Sodium Monophosphate	A						
Sodium Nitrate	A	B	A	U	—	—	B
Sodium Oleate	A						
Sodium Orthosilicate	A						
Sodium Oxalate	A						
Sodium Perborate	A	B	A	B	A	A	B
Sodium Percarbonate	A						
Sodium Perchlorate	A						
Sodium Peroxide	A	B	A	U	A	A	
Sodium Persulfate	A						
Sodium Phenolate	A						
Sodium Phenoxide	A						
Sodium Phosphate	A	A	A	U	—	A	B
Sodium Plumbite	A						
Sodium Pyrophosphate	A						
Sodium Resinate	A						
Sodium Salicylate	A						
Sodium Salts	A						
Sodium Sesquisilicate	A	A	A	—	—	—	B
Sodium Silicate	A						
Sodium Silicofluoride	A						
Sodium Stannate	A						
Sodium Sulfate	A	A	A	A	A	A	A
Sodium Sulfide	A						B
Sodium Sulfite	A						
Sodium Sulfocyanide	A						B
Sodium Tartrate	A						
Sodium Tetraborate	A						B
Sodium Tetrakisphosphate	A						
Sodium Tetrasulfide	A						
Sodium Thioarsenate	A						
Sodium Thiocyanate	A						
Sodium Thiosulfate	A	B	A	A	A	A	B
Sodium Trichloroacetate	A						
Sodium Triphosphate	A						
SOLVESCO ¹⁴ 100, 150	A						
Sorbitol	A						
Sour Crude Oil	A* 6375						
Sour Natural Gas	A* 6375						
Soybean Oil	A	A	C	A	A	A	

Chemical	Kalrez®	NBR	EPDM	VMQ	FVMQ	FKM	T
Stannic Ammonium Chloride	A						
Stannic Chloride (aq)	A	A	A	B	A	A	
Stannic Tetrachloride	A						
Stannous Bisulfate	A						
Stannous Bromide	A						
Stannous Chloride (aq)	A	A	A	B	A	A	B
Stannous Fluoride	A						B
Stannous Sulfate	A						
Stauffer ⁷ 7700	A						A
Steam Above 149°C (300°F)	A* 6375	U	C	U	U	U	C
Steam Below 149°C (300°F)	A* 6375	U	A	C	U	U	
Stearic Acid	A	B	B	B	—	—	B
Stoddard Solvent	A	A	U	U	A	A	B
Strontium Acetate	A						
Strontium Carbonate	A						
Strontium Chloride	A						
Strontium Hydroxide	A						
Strontium Nitrate (aq)	A						
Styrene	A* 3018	U	U	U	C	B	C
Succinic Acid	A						
Sucrose Solution	A	A	A	A	A	A	C
Sulfamic Acid	A						
Sulfanilic Acid	A						
Sulfanilic Chloride	A						
Sulfanilimide	A						
Sulfite Liquors	A	B	B	U	B	A	
Sulfonic Acid	A						
Sulfur	A	U	A	C	A	A	C
Sulfur Chloride	A	C	U	C	A	A	C
Sulfur Dioxide (Dry)	A	U	A	B	B	A	C
Sulfur Dioxide (Liquified)	A	U	A	B	B	A	C
Sulfur Dioxide (Wet)	A	U	A	B	B	A	C
Sulfur Hexafluoride	B* 7075	B	B	B	B	B	
Sulfur Monochloride	A						
Sulfur Trioxide	A	U	B	B	B	A	
Sulfuric Acid (Conc.)	A	U	C	U	U	A	
Sulfuric Acid (Dilute)	A	C	B	U	C	A	
Sulfuric Acid (20% Oleum)	A	U	U	U	U	A	
Sulfurous Acid	A	B	B	U	—	A	
Sulfuryl Chloride	A						C
Sulphonated Oils	A						
Sulphonyl Chloride	B* 7075						C
Sulphuric Chlorohydrin (Chlorosulfonic Acid)	A						C
Suva® 32 ⁵	B* 7075	A	A	—	—	U	
Suva® 116 ⁶	B* 7075						
Suva® 123 ⁶	C* 7075						
Suva® 124 ⁶	B* 7075						
Suva® 134a ⁶	A* 6375						
Suva® 152a	B* 7075	A	A	—	—	U	
Tallow	A						
Tannic Acid (Tannin)	A	A	A	B	—	A	A
Tar, Bituminous	A	B	C	B	A	A	
Tartaric Acid	A	A	B	A	A	A	C
TDI (Toluene Diisocyanate)	A	U	B	U	U	U	C
Tellone ⁸ II	A						
Terephthalic Acid	A						
Terpineol	A	B	C	—	A	A	A
Terpinyl Acetate	A						
Tertiary Amyl Methyl Ether (TAME)	A						
Tertiary Butyl Alcohol	A	B	B	B	B	A	C
Tertiary Butyl Catechol	A	U	B	—	A	A	C
Tertiary Butyl Mercaptan	A	U	U	U	—	A	A
Tetrabromoethane	A	U	U	U	U	B	A
Tetrabromomethane	A	U	U	U	U	B	A
Tetrabutyl Titanate	A	B	A	—	A	A	
Tetrachloroethylene	A	U	U	U	U	B	A
Tetraethyl Lead	A	B	U	—	B	A	C
Tetrafluoromethane	B* 7075						A
Tetrahydrofuran	A	U	C	U	U	U	A
Tetramethyl Ammonium Hydroxide	A*						
Tetramethyl-dihydropyridine	A						
Tetraphosphoglucosate	A						
Tetraphosphoric Acid	A						
Therminol ² 55	A						
Therminol ² 66	A						
Therminol ² FR	A						
Thio Acid Chloride	A						
Thioamyl Alcohol	A						
Thiodiacetic Acid	A						
Thioethanol	A						
Thioglycolic Acid	A						
Thionyl Chloride	A	U	C	—	—	B	
Thiophene (Thiofuran)	A						
Thiophosphoryl Chloride	A						
Thiourea	A						
Thorium Nitrate	A						
Tin Ammonium Chloride	A						
Tin Chloride	A						
Tin Tetrachloride	A						
Titanic Acid	A						
Titanium Dioxide	A						
Titanium Sulfate	A						
Titanium Tetrachloride	B* 7075	B	U	U	B	B	B
Toluene	A	U	U	U	B	A	A
Toluene Bisodium Sulfite	A						
Toluene Diisocyanate (TDI)	A	U	B	U	U	U	C
Toluene Sulphonyl Chloride	A						C
Toluenesulphonic Acid	A						
Toluidine	A						
Toluol	A						
Toluquinone	A						
Tolylaldehyde	A						
Transformer Oil	A	A	U	B	A	A	
Transmission Fluid Type A	A	A	U	B	A	A	
Triacetin	A	B	A	—	U	U	
Triaryl Phosphate	A	U	A	C	B	A	
Tribromomethylbenzene	A						
Tributoxyethyl Phosphate	A	U	A	—	B	A	A
Tributyl Citrate	A						
Tributyl Mercaptan	A	U	U	U	C	A	C
Tributyl Phosphate	A	U	B	U	U	U	B
Tributylamine	A* 1050LF						
Trichloroacetic Acid	A* 6375	B	B	—	U	C	
Trichloroacetyl Chloride	A						
Trichlorobenzene	A						
Trichloroethane	A	U	U	U	B	A	C

Chemical	Kalrez®	NBR	EPDM	VMQ	FVMQ	FKM	T
Trichloroethanolamine	A* 1050LF						C
Trichloroethylene	A	U	U	U	B	A	
Trichlorofluoromethane	B* 7075						
Trichloromethane	A						C
Trichloronitromethane (Chloropicrin)	A						
Trichlorophenylsilane	A						
Trichloropropane	A						
Trichlorotrifluoroethane	B* 7075						
Tricresyl Phosphate	A	U	U	C	B	A	
Triethanolamine (TEA)	A* 7075	B	A	—	U	U	
Triethyl Phosphate	A						B
Triethylaluminum	A	U	C	—	—	B	
Triethylamine	A* 6375						
Triethylborane	A	U	C	—	—	A	
Triethylene Glycol	A						
Triethylenetetramine	A* 1050LF						
Trifluoroacetic Acid	A* 6375						
Trifluorochloroethylene	B* 7075						
Trifluoromethane (Freon® 23)	A* 7075						
Trifluorovinylchloride	A						
Triisopropylbenzyl- chloride	A						
Trimethylamine	A* 1050LF						
Trimethylbenzene	A						
Trimethylpentane	A						
Trinitrotoluene	A	U	U	—	B	B	B
Trioctyl Phosphate	A	U	A	C	B	B	B
Triphenylphosphite	A						
Tripotassium Phosphate	A						
Trisodium Phosphate	A						
Tritium	A						
Tung Oil (China Wood Oil)	A	A	C	U	B	A	
Tungsten Hexafluoride	B* 7075						
Tungstic Acid	A						
Turbine Oils	A	B	U	U	B	A	A
Turpentine	A	A	U	U	B	A	B
Ucon® Lubricants/Fluids	A						
Undecylenic Acid	A						
Undecylic Acid	A						
Unsymmetrical Dimethyl Hydrazine (UDMH)	A* 1050LF	B	A	U	U	U	
Uranium Hexafluoride	B* 7075						
Uranium Sulfate	A						
Uric Acid	A						
Valeraldehyde	A*						
Valeric Acid	A						
Vanadium Oxide	A						
Vanadium Pentoxide	A						

Chemical	Kalrez®	NBR	EPDM	VMQ	FVMQ	FKM	T
Vanilla Extract	A* 6375						
Varnish	A	B	U	U	B	A	
Vegetable Oils	A	A	C	B	A	A	
Versilube F-50	A	A	A	C	A	A	
Vinegar	A	B	A	A	C	A	
Vinyl Acetate	A						C
Vinyl Benzene	A						
Vinyl Benzoate	A						
Vinyl Chloride	A	U	U	—	—	A	
Vinyl Fluoride	A						
Vinylidene Chloride	A						
Vinylpyridine	A						
Vitriol (White)	A						
Wagner 21B Brake Fluid	A	C	A	C	U	U	
Water (Cold)	A	A	A	A	A	A	
Water (Hot)	A* 6375						
White Oil	A	A	U	U	A	A	A
White Pine Oil	A	B	U	U	A	A	
Wood Alcohol (Methanol)	A						
Wood Oil	A	A	U	U	B	A	B
Xenon	A						A
Xylene	A	U	U	U	A	A	B
Xylidine (Di-methyl Aniline)	A	C	B	U	U	U	C
Xylol	A						
Zeolites	A	A	A	—	A	A	
Zinc Acetate	A	B	A	U	U	U	C
Zinc Ammonium Chloride	A						
Zinc Chloride	A	A	A	A	A	A	B
Zinc Chromate	A						
Zinc Cyanide	A						
Zinc Diethyl-di- thiocarbamate	A						
Zinc Dihydrogen Phosphate	A						
Zinc Fluorosilicate	A						
Zinc Hydrosulfite	A						
Zinc Naphthenate	A						
Zinc Nitrate	A						
Zinc Oxide	A						
Zinc Phenolsulfonate	A						
Zinc Phosphate	A						
Zinc Salts	A						C
Zinc Silicofluoride	A						
Zinc Stearate	A						
Zinc Sulfate	A	A	A	A	A	A	C
Zinc Sulfide	A						
Zirconium Nitrate	A						C

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¹³Shell Chemical

¹⁴Exxon

¹⁵Wormald U.S., Inc.

¹⁶The Clorox Company

¹⁷Chevron Chemical Company

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