Kaflon... the smart one

DISCLAIMER

Kaflon, in all its available blends, has a chemical resistance as listed in the enclosed tables. These chemical resistance values refer either to laboratory trials carried out at an environment temperature or to specific tests on very particular blends.
To verify the adequacy of Kaflon on a specific chemical mixture at a distinct temperature (and particularly in presence of saturated vapour, ammine or alkaline metals at high temperatures) the final user will have to run a definite test on samples to be requested at our technical office.

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Chemical compatibility of G.M.I. materials

CHEMICAL SUBSTANCE	SBR	NR	NBR	CR	EPDM	CSM	VMQ	FKM	FFKM	KAFLON
	GS	GP	GN	GC	GE	EH	ES	EV	KL	KA
	Stirene Butadiene	*Natural Rubber*	*Nitrile Rubber*	*Chloroprene*		*Clorosulphated PE*	*Silicone*	*Fluoroelastomer*	*Perfluoroelastomer*	*Perfluoroelastomer*
Acetaldehyde	☹	😐	😐	😐	☺	😐	☺	☹	☺	☺
Acetic acid, concentrated	👍	☹	☺	☹	☺	😐	😐	☹	👍	👍
Acetic acid, diluted	☹	☹	☺	👍	👍	☺	👍	👍	👍	👍
Acetic Anhydride	😐	☺	☹	☺	☺	☺	☺	☹	👍	👍
Acetone	👍	👍	☹	☹	👍	☺	☹	☹	👍	👍
Acetylene	👍	👍	👍	☺	👍	☺	☺	👍	👍	👍
Acetylene, chloride	👎	👎	☹	☹	☹	👎	😐	👍	👍	👍
Acrylonitrile	😐	☹	☹	☺	☹	😐	☹	☹	👍	👍
Aereosafe 2300	👎	👎	☹	☹	👍	👎	😐	☹	👎	👎
Aluminium	☺	👍	☺	☺	👍	😐	☹	☹	👍	👍
Aluminium Bromide	👎	👎	👍	👍	👍	👎	👍	👍	👍	👍
Aluminium fluoride	👍	☺	👍	👍	👍	👍	☺	😐	👍	👍
Aluminium nitrate	👍	👍	👍	👍	👍	👍	☺	😐	👍	👍
Aluminium nitrite	😐	☹	👍	👍	👍	👍	☺	😐	👍	👍
Aluminium salt	☺	👍	👍	👍	👍	👍	👍	👍	👍	👍
Aluminium, chloride	👍	👍	👍	👍	👍	👍	☺	👍	👍	👍
Amine	👎	👎	☹	☺	☺	👎	☺	☹	👍	👍
Ammonia solution	👎	👎	👍	👍	👍	👎	☺	☹	👍	👍
Ammonium carbonate	👍	👍	☹	👍	👍	👍	😐	😐	👍	👍
Ammonium hydroxide	👍	👍	☹	👍	👍	👍	👍	😐	👍	👍
Ammonium nitrate	👍	☺	👍	☺	👍	👍	😐	😐	👍	👍
Ammonium salt	☺	👍	👍	👍	👍	👍	👍	😐	👍	👍
Ammonium, chloride	👍	👍	👍	👍	👍	👍	☺	👍	👍	👍
Amyl acetate	😐	☺	☹	☹	👍	☹	☹	☹	👍	👍
Aniline	😐	😐	☹	☹	☺	😐	☹	😐	👍	👍
Aniline dye	👎	👎	☹	☹	☺	👎	☹	☺	👍	👍
Aqua regia (nitromuriatic acid)	😐	😐	☹	☹	😐	☺	☹	☺	👍	👍
Argo	👍	👍	👍	👍	👍	👍	👍	👍	👍	👍
Asphalt	☹	☹	☺	☺	☹	😐	☹	👍	👍	👍
Barium hydroxide	👍	👍	👍	👍	👍	👍	👍	👍	👍	👍
Barium, chloride	👍	👍	👍	👍	👍	👍	👍	👍	👍	👍
Beer	👍	👍	👍	👍	👍	👍	👍	👍	👍	👍
Benzene	☹	☹	☹	☹	☹	☹	☹	👍	👍	👍
Benzene Bromide	👎	👎	☹	☹	☹	👎	☹	👍	👍	👍
Benzophenone	👎	👎	😐	😐	☺	👎	😐	👍	👍	👍
Benzyl Benzoate	👎	👎	☹	☹	☺	👎	😐	👍	👍	👍
Benzyl, chloride	😐	😐	☹	☹	☹	☹	☹	👍	👍	👍
Borax	☺	☺	☺	☹	👍	👍	☺	👍	👍	👍

CHEMICAL SUBSTANCE	SBR	NR	NBR	CR	EPDM	CSM	VMQ	FKM	FFKM	KAFLON
	GS	GP	GN	GC	GE	EH	ES	EV	KL	KA
	Stirene Butadiene	*Natural Rubber*	*Nitrile Rubber*	*Chloroprene*		*Clorosulphated PE*	*Silicone*	*Fluoroelastomer*	*Perfluoroelastomer*	*Perfluoroelastomer*
Boric acid	👍	👍	👍	👍	👍	👍	👍	👍	👍	👍
Bromine vapours	☹	☹	☹	☹	☹	☹	☹	👍	👍	👍
Butadiene	☹	☹	😐	☺	👍	😐	😐	👍	👍	👍
Butane, liquid	☹	☹	👍	👍	☹	☺	☹	👍	👍	👍
Butter	☹	☹	👍	☺	👍	😐	☺	👍	👍	👍
Butyl acetate	☹	😐	☹	☹	☺	☹	☹	☹	👍	👍
Butyl alcohol	👍	👍	👍	☹	☺	👍	☹	👍	👍	👍
Butyl stearate	☹	☹	☺	☹	☹	👎	😐	👍	👍	👍
Butylene	☹	☹	☺	☹	☹	😐	☹	👍	👍	👍
Calcium carbonate	👍	👍	👍	👍	👍	👍	👍	👍	👍	👍
Calcium hydroxide	👍	👍	👍	👍	👍	👍	😐	👍	👍	👍
Calcium hypochlorite	☹	☹	☺	☺	☹	👍	☺	👍	👍	👍
Calcium hypochlorite	☹	☹	☹	☹	👍	👍	😐	👍	👍	👍
Calcium, chloride (wet)	👍	👍	👍	👍	👍	👍	👍	👍	👍	👍
Carbon dioxide	☺	☺	👍	☺	☺	👍	👍	👍	👍	👍
Carbon disulphide	☹	☹	☹	☹	☹	☹	☹	👍	👍	👍
Carbon monoxide	😐	😐	👍	☺	👍	😐	👍	👍	👍	👍
Chlorinated solvents	☹	☹	☹	☹	☹	😐	☹	☺	👍	👍
Chlorine, gasseous dry	😐	😐	☹	☹	☹	☺	☹	👍	👍	👍
Chlorine, gasseous wet	☹	☹	😐	☹	☺	😐	😐	👍	👍	👍
Chlorobenzene	☹	☹	☹	☹	☹	☹	☹	👍	👍	👍
Chloroform	☹	☹	☹	☹	☹	👍	☹	👍	👍	👍
chloroprene	☹	☹	☹	☹	☹	👎	☺	👍	👎	👎
Citric acid	👍	👍	👍	👍	👍	👍	👍	👍	👍	👍
Cold Ammonia	👍	👍	👍	👍	👍	👍	👍	☹	👍	👍
Cold Lactic acid	👍	👍	👍	👍	👍	👍	😐	👍	👍	👍
Copper salt	☺	☺	👍	👍	👍	👍	👍	👍	👍	👍
Creosol	👎	👎	☹	☹	☹	👎	☹	👍	👍	👍
Creosote	☹	☹	👍	☺	☹	☹	☹	👍	👍	👍
Cyclohexane	☹	☹	👍	☹	☹	😐	☹	👍	👍	👍
Cyclohexanol	😐	☺	☺	☺	👍	👍	☹	☹	👍	👍
Cyclohexanone	☹	☹	☹	☺	☺	😐	☹	☹	👍	👍
Dichlorobenzene	☹	☹	☹	☹	☹	☹	☹	👍	👍	👍
Dichloroethylene	☹	☹	☹	☹	😐	☹	☹	👍	👍	👍
Diethylenglicol	👍	👍	👍	👍	👍	👍	👍	👍	👍	👍
Dimethylaniline	☹	☹	☹	☹	😐	👎	☹	☹	👎	👎
Dimethyleamine	☹	☹	☹	☹	☹	😐	☹	👎	👍	👍

Most suitable material for the application

Good material resistance with moderate characteristics variations

Scarce material resistance with characteristics variations

Poor material resistance with important characteristics variations

Material unadvisable for the particular application

All data and information in this catalogue are purely indicative and do not commit the manufacturer.

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CHEMICAL SUBSTANCE	SBR Stirene Butadiene GS	NR Natural Rubber GP	NBR Nitrile Rubber GN	CR Chloroprene GC	EPDM GE	CSM Clorosulphated PE EH	VMQ Silicone ES	FKM Fluoroelastomer EV	FFKM Perfluoroelastomer KL	KAFLON Perfluoroelastomer KA
Dimethylformaldehyde, DMF	😐	🙂	☹	☹	🙂	🙂	😐	🙂	👍	👍
Epoxy resin	☹	☹	😐	👍	👍	👍	😐	☹	👍	👍
Ethane	👎	👎	👍	🙂	☹	🙂	☹	👍	👍	👍
Ethyl acetate	☹	☹	☹	☹	🙂	😐	🙂	☹	👍	👍
Ethyl alcohol	👍	👍	👍	👍	👍	👍	👍	👍	👍	👍
Ethyl silicate	🙂	🙂	👍	👍	👍	🙂	😐	👍	👍	👍
Ethyl, chloride	😐	😐	👍	👍	👍	😐	☹	👍	👍	👍
Ethylbenzene	☹	☹	☹	☹	🙂	☹	☹	☹	👍	👍
Ethylene Bromide	☹	☹	🙂	☹	☹	😐	😐	👍	👍	👍
Ethylene gasseous	🙂	🙂	🙂	😐	🙂	🙂	😐	👍	👍	👍
Ethylene glycol	👍	👍	👍	👍	👍	🙂	👍	👍	👍	👍
Ethylene Oxide	👎	👎	☹	☹	😐	👎	☹	☹	👍	👍
Ethylene, chloride	☹	☹	☹	☹	☹	☹	☹	🙂	👍	👍
Ferric, chloride (wet)	👍	👍	👍	🙂	👍	👍	🙂	👍	👍	👍
Formaldehyde	👍	👍	😐	😐	🙂	👍	🙂	☹	🙂	🙂
Formalin	😐	😐	👍	👍	👍	🙂	🙂	👍	🙂	🙂
Formic acid	👍	👍	😐	👍	👍	👍	🙂	😐	🙂	🙂
Freon 11	🙂	🙂	🙂	☹	☹	👍	☹	🙂	😐	😐
Freon 112	☹	☹	🙂	🙂	☹	🙂	☹	👍	😐	😐
Freon 113	🙂	😐	👍	👍	☹	👍	☹	🙂	😐	😐
Freon 114	👍	👍	👍	👍	👍	👍	☹	🙂	😐	😐
Freon 114 B2	😐	☹	🙂	👍	☹	👍	☹	🙂	🙂	🙂
Freon 115	👍	👍	👍	👍	👍	👍	😐	👍	😐	😐
Freon 12	👍	👍	👍	👍	🙂	👍	☹	👍	😐	😐
Freon 12B1	👍	👍	👍	👍	👍	👍	☹	👍	😐	😐
Freon 13	🙂	😐	👍	👍	👍	🙂	☹	👍	😐	😐
Freon 14	👍		👍	👍	👍	👍	☹	👍	🙂	🙂
Freon 21	😐	😐	☹	🙂	☹	☹	☹	☹	🙂	🙂
Freon 22	👍	👍	☹	👍	👍	👍	☹	☹	🙂	🙂
Freon 31	🙂	🙂	☹	👍	👍	🙂	😐	☹	🙂	🙂
Freon 32	👍	👍	👍	👍	👍	👍	😐	☹	🙂	🙂
Freon 502	👍	👍	🙂	👍	👍	🙂	😐	🙂	😐	😐
Freon BF	☹	☹	🙂	🙂	☹	🙂	☹	👍	😐	😐
Freon C318	👍	👍	👍	👍	👍	👍	😐	🙂	😐	😐
Freon K-142b	🙂	🙂	👍	👍	👍	👍	😐	☹	🙂	🙂
Freon K-152a	👍	👍	👍	👍	👍	☹	😐	☹	🙂	🙂
Freon MF	🙂	☹	🙂	☹	☹	☹	☹	🙂	😐	😐

CHEMICAL SUBSTANCE	SBR Stirene Butadiene GS	NR Natural Rubber GP	NBR Nitrile Rubber GN	CR Chloroprene GC	EPDM GE	CSM Clorosulphated PE EH	VMQ Silicone ES	FKM Fluoroelastomer EV	FFKM Perfluoroelastomer KL	KAFLON Perfluoroelastomer KA
Freon PCA	🙂	🙂	👍	👍	☹	☹	☹	🙂	🙂	🙂
Freon TF	🙂	😐	👍	👍	☹	👍	☹	🙂	😐	😐
Fuel ASTM-A	😐	☹	👍	🙂	☹	👍	☹	👍	👍	👍
Fuel ASTM-B	☹	☹	🙂	☹	☹	😐	☹	👍	👍	👍
Fuel ASTM-C	☹	☹	🙂	☹	☹	☹	☹	👍	👍	👍
Gas, blast-furnace			☹	☹	👍		🙂	👍	👍	👍
Gas, coke-oven	👎	👎	☹	☹	☹	☹	🙂	👍	👍	👍
Gas, liquefied	👎	👎	🙂	🙂	☹	🙂	😐	👍	👍	👍
Gas, natural	😐	😐	🙂	🙂	☹	🙂	🙂	👍	👍	👍
Gas, town	😐	😐	👍	🙂	☹	👍	🙂	👍	👍	👍
Glycerine	👍	👍	👍	👍	👍	👍	👍	👍	👍	👍
Glycol	👍	👍	👍	👍	👍	🙂	👍	👍	👍	👍
Helium	🙂	🙂	👍	👍	👍	👍	👍	👍	👍	👍
Heptane N	😐	😐	👍	🙂	☹	🙂	☹	👍	👍	👍
Heptane N	👎	👎	👍	🙂	☹	👎	☹	👍	👍	👍
Hexane	☹	☹	🙂	😐	☹	🙂	☹	👍	👍	👍
Hexane N	☹	☹	👍	🙂	☹	🙂	☹	👍	👍	👍
Hexane N-I	☹	☹	🙂	🙂	☹	😐	☹	👍	👍	👍
Hot Ammonia	👎	👎	☹	🙂	🙂	👎	👍	☹	👍	👍
Hot Lactic acid	☹	☹	☹	☹	☹	☹	😐	👍	👍	👍
Houghto-safe 1010	🙂	🙂	☹	☹	👍	😐	😐	👍	👍	👍
Houghto-safe 1055	🙂	🙂	☹	☹	👍	😐	😐	👍	👍	👍
Houghto-safe 1120	🙂	🙂	☹	☹	👍	😐	😐	👍	👍	👍
Houghto-safe 5040	🙂	🙂	👍	🙂	☹	😐	😐	👍	👍	👍
Houghto-safe 620	🙂	🙂	👍	🙂	🙂	😐	🙂	👍	👍	👍
Hydraulic Fluids - groups										
- HSA	☹	☹	👍	😐	☹	☹	☹	👍	👍	👍
- HSB	☹	☹	👍	😐	☹	☹	☹	👍	👍	👍
- HSC	🙂	🙂	🙂	🙂	🙂	🙂	🙂	🙂	👍	👍
- HSDA(R)	☹	☹	☹	☹	🙂	☹	🙂	👍	👍	👍
- HSDb(S)	☹	☹	☹	☹	☹	☹	🙂	👍	👍	👍
- HSDc (T)	☹	☹	☹	☹	☹	☹	🙂	👍	👍	👍
HF- DIN 51524 and 51525:										
- H	☹	☹	👍	🙂	☹	☹	😐	👍	👍	👍
- H-L	☹	☹	👍	🙂	☹	☹	😐	👍	👍	👍

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	GS	GP	GN	GC	GE	EH	ES	EV	KL	KA
	Stirene Butadiene	*Natural Rubber*	*Nitrile Rubber*	*Chloroprene*		*Clorosulphated PE*	*Silicone*	*Fluoroelastomer*	*Perfluoroelastomer*	*Perfluoroelastomer*
- H-LP	☹	☹	👍	☺	☹	☹	😐	👍	👍	👍
Hydrazine	😐	😐	☺	☺	👍	☺	☹	😐	👍	👍
Hydrochloric acid	☺	☺	☹	☹	😐	👍	☹	👍	👍	👍
Hydrocyanic acid	☺	☺	☺	☺	👍	👍	😐	👍	👍	👍
Hydrofluoric acid, 65% diluted	😐	😐	😐	👍	👍	☺	☹	👍	👍	👍
Hydrofluoric acid, Concentrated	👎	👎	☹	☹	☹	👎	☹	😐	👍	👍
Hydrogen	👍	👍	👍	👍	👍	👍	😐	👍	👍	👍
Hydrogen dioxide	☺	☺	☹	☹	☺	👍	☹	😐	👍	👍
Hydrogen sulphide	😐	😐	☹	☺	👍	👍	😐	☹	👍	👍
Hydroquinone	☺	☺	😐	☹	☹	👎	😐	☺	👍	👍
Iodine	👍	👍	☺	☹	☺	👍	😐	👍	☺	☺
Iron nitrate	👍	👍	👍	👍	👍	👍	☺	👍	👍	👍
Isobutyl alcohol	☺	👍	☺	👍	👍	👍	👍	👍	👍	👍
Isopropyl acetate	😐	😐	☹	☹	☺	😐	☹	☹	👍	👍
Isopropyl alcohol	☺	👍	☺	☺	👍	👍	👍	👍	👍	👍
Isopropyl Ether	☹	☹	☺	😐	☹	☺	☹	☹	👍	👍
Kerosene	☹	☹	☺	☺	☹	☹	☹	👍	👍	👍
Lead nitrate	👍	👍	👍	👍	👍	👍	☺	😐	👍	👍
Leadacetate	😐	👍	☺	☺	👍	☺	☹	☹	👍	👍
Magnesium hydroxide	☺	☺	☺	☺	👍	👍	😐	👍	👍	👍
Magnesium salt	☺	☺	👍	👍	👍	👍	👍	👍	👍	👍
Mercury	👍	👍	👍	👍	👍	👍	😐	👍	👍	👍
Mercury, chloride	👎	👎	👍	👍	👍	👎	😐	👍	👍	👍
Methane	👎	👎	☺	☺	☹	☺	☹	👍	👍	👍
Methanol (Methyl alcohol)	👍	👍	👍	👍	👍	👍	👍	☹	👍	👍
Methyl acetate	☹	☹	☹	☺	☺	☹	☹	☹	👍	👍
Methyl alcohol	👍	👍	☺	👍	👍	👍	👍	😐	👍	👍
Methyl Benzoate	👎	👎	☹	☹	☹	👎	☹	👍	👍	👍
Methyl Bromide	☹	☹	☺	☹	☹	☹	😐	👍	👍	👍
Methyl cellulose	👎	👎	☺	☺	☹	👎	☺	☺	👎	👎
Methyl salicylate	☹	☹	☹	☹	☺	👎	😐	😐	👍	👍
Methyl, chloride	☹	☹	☹	☹	😐	☹	☹	👍	👍	👍
Methylene, chloride	☹	☹	☹	☹	☹	☹	☹	☺	👍	👍
Milk	👍	☺	👍	👍	👍	👍	👍	👍	👍	👍
Muriatic acid	☺	☺	☺	☺	👍	👍	☹	👍	👍	👍

CHEMICAL SUBSTANCE	SBR	NR	NBR	CR	EPDM	CSM	VMQ	FKM	FFKM	KAFLON
	GS	GP	GN	GC	GE	EH	ES	EV	KL	KA
	Stirene Butadiene	*Natural Rubber*	*Nitrile Rubber*	*Chloroprene*		*Clorosulphated PE*	*Silicone*	*Fluoroelastomer*	*Perfluoroelastomer*	*Perfluoroelastomer*
Naphtha	☹	☹	👍	☹	☹	☹	☺	👍	👍	👍
Naphthalene	☹	☹	☹	☹	☹	☹	☹	👍	👍	👍
Nickel salt	☺	☺	👍	👍	👍	👍	👍	👍	👍	👍
Nitric acid, (3 Molar)	👎	👎	☹	☹	☺	👎	☹	👍	👍	👍
Nitric acid, 65% concentrated	☹	☹	☹	☹	☹	☺	☹	👍	👍	👍
Nitric acid, fuming	☹	☹	☹	☹	☹	☹	☹	☺	👍	👍
Nitrobenzene	☹	☹	☹	☹	☹	☹	☹	☺	👍	👍
Nitrogen	👍	👍	👍	👍	👍	👍	👍	👍	👍	👍
Nitromethane	👍	👍	☹	☺	☺	😐	☹	😐	👍	👍
Oil, animal	😐	😐	👍	😐	😐	😐	☺	👍	👍	👍
Oil, ASTM n°1	😐	☹	👍	👍	☹	☺	👍	👍	👍	👍
Oil, ASTM n°2	☹	☹	👍	☺	☹	😐	☹	👍	👍	👍
Oil, ASTM n°3	☹	☹	👍	☹	☹	😐	☹	👍	👍	👍
Oil, castor	👍	☺	👍	👍	☺	☺	👍	👍	👍	👍
Oil, coconut	👎	😐	👍	😐	😐	😐	👍	👍	👍	👍
Oil, cod-liver	☹	☹	👍	☺	👍	☺	☺	👍	👍	👍
Oil, colza	☹	☹	☺	☺	👍	☺	👍	👍	👍	👍
Oil, corn	😐	😐	👍	😐	😐	☺	👍	👍	👍	👍
Oil, cotton	👎	☹	👍	😐	😐	☺	👍	👍	👍	👍
Oil, diesel	👎	👎	👍	😐	☹	👎	☹	👍	👍	👍
Oil, DTE light	👎	👎	👍	☺	☹	👎	☹	👍	👍	👍
Oil, gear	☹	☹	👍	😐	☹	☺	☺	👍	👍	👍
Oil, hydraulic	👎	👎	☺	☺	☹	👎	☹	👍	👍	👍
Oil, linseed (flax)	☹	☹	👍	😐	😐	☺	👍	👍	👍	👍
Oil, meat-food	☹	☹	👍	☹	☺	☹	☺	👍	👍	👍
Oil, olive	😐	☹	👍	☺	☺	☺	👍	👍	👍	👍
Oil, peanut	☹	☹	👍	😐	😐	☺	👍	👍	👍	👍
Oil, pine	☹	☹	☹	☹	☹	☹	☹	👍	👍	👍
Oil, silicone	👍	👍	👍	👍	👍	👍	😐	👍	👍	👍
Oil, soybean	☹	☹	👍	😐	😐	☺	👍	👍	👍	👍
Oil, transformer	☹	☹	👍	☺	☹	☺	☺	👍	👍	👍
Oil, vaseline	☹	☹	👍	😐	☹	☺	☺	👍	👍	👍
Oil, vegetable	☹	☹	👍	😐	👍	☺	👍	👍	👍	👍
Oleic acid	☹	☹	😐	☹	☹	😐	☹	☺	👍	👍
Oleum (fuming sulphuric acid)	😐	😐	☹	☹	☹	☺	☹	👍	👍	👍
Oxalic acid	☺	☺	☺	☺	👍	☺	☺	👍	👍	👍
Oxygen	😐	😐	☺	👍	👍	👍	👍	👍	👍	👍
Oxygen, liquid	☺	☺	☺	👍	👍	☺	☺	👍	👍	👍

Most suitable material for the application

Good material resistance with moderate characteristics variations

Scarce material resistance with characteristics variations

Poor material resistance with important characteristics variations

Material unadvisable for the particular application

All data and information in this catalogue are purely indicative and do not commit the manufacturer.

Chemical compatibility of G.M.I. materials

CHEMICAL SUBSTANCE	GS SBR Stirene Butadiene	GP NR Natural Rubber	GN NBR Nitrile Rubber	GC CR Chloroprene	GE EPDM	EH CSM Clorosulphated PE	ES VMQ Silicone	EV FKM Fluoroelastomer	KL FFKM Perfluoroelastomer	KA KAFLON Perfluoroelastomer
Ozone	☹	☹	☹	👍	👍	☺	👍	👍	👍	👍
Palmitic acid	😐	😐	👍	☺	☺	😐	☹	👍	👍	👍
Paraffin	☹	☹	☺	😐	☹	☺	☹	👍	👍	👍
Pentane N	👎	👎	👍	☹	☹	☹	👍	👍	👍	👍
Peroxide, Hydrogen	👎	👎	☹	☹	☺	👍	☹	😐	👍	👍
Petrol	☹	☹	☺	😐	☹	☺	😐	👍	👍	👍
Petrol Benzene 50/50	😐	😐	☹	☹	☹	😐	☹	☺	👍	👍
Petrol Benzene 60/40	😐	😐	☹	☹	☹	😐	☹	☺	👍	👍
Petrol Benzene 70/30	😐	😐	😐	☹	☹	😐	☹	☺	👍	👍
Petrol Benzene 80/20	😐	😐	😐	☹	☹	😐	☹	☺	👍	👍
Petrol Benzene Ethanol 50/30/20	☹	☹	☹	☹	☹	☹	☹	☺	👍	👍
Petrol Premium Grade	☹	☹	☺	☹	☹	☺	☹	👍	👍	👍
Phenol	☹	☹	☹	☹	☹	😐	☹	👍	👍	👍
Picric acid	☺	☺	☺	☺	☺	👍	☹	👍	👍	👍
Picric acid, Solution	👎	👎	👍	👍	👍	👎	😐	👍	👍	👍
Potassium hydroxide	☺	☺	☺	☺	👍	👍	☺	☹	👍	👍
Potassium permanganate	☺	👍	😐	👍	👍	👍	☹	👍	👍	👍
Potassium salt	☺	☺	👍	👍	👍	👍	👍	👍	👍	👍
Propane	☹	☹	👍	☺	☹	☺	☹	👍	👍	👍
Propyl acetate	☹	☹	☹	☹	☺	☹	☹	☹	👍	👍
Propyl alcohol	👍	👍	👍	👍	👍	👍	👍	👍	👍	👍
Propylene	☹	☹	☹	☹	☹	☹	☹	👍	👍	👍
Salicylic acid	👎	👍	☺	😐	👍	👎	😐	👍	👍	👍
Seawater	👍	👍	👍	😐	👍	👍	👍	😐	👍	👍
Silver nitrate	👍	👍	☺	👍	👍	👍	👍	👍	👍	👍
Soap	👍	☺	👍	☺	👍	👍	👍	👍	👍	👍
Soda	👍	👍	👍	👍	👍	👍	👍	👍	👍	👍
Soda ash	👎	👎	👍	👍	👍	👎	👍	👍	👍	👍
Soda, caustic (sodium hydroxide)	👍	👍	☺	☺	👍	👍	☺	😐	👍	👍
Sodium acetate	😐	👍	☺	☺	👍	☺	☹	☹	👍	👍
Sodium Bicarbonate	👍	👍	👍	👍	👍	👍	👍	👍	👍	👍
Sodium Bisulphite	👎	👎	👍	👍	👍	👎	👍	👍	👍	👍
Sodium cyanide	👎	👎	👍	👍	👍	👎	👍	😐	👍	👍
Sodium hydroxide, 50%	👍	👍	☺	☺	👍	👍	☺	😐	👍	👍
Sodium hypochlorite	☺	☺	☹	☹	☹	👍	☹	☺	👍	👍
Sodium salt	☺	☺	👍	☺	👍	👍	👍	👍	👍	👍
Sodium sulphate	☺	☺	👍	👍	👍	👍	👍	👍	👍	👍

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Sodium, chloride	👍	👍	👍	👍	👍	👍	👍	👍	👍	👍
Stearic acid	😐	😐	☺	☺	☺	☺	☺	😐	👍	👍
Stearic alcohol	👎	👎	👍	👍	👍	👎	👍	👍	👍	👍
Styrene	☹	☹	☹	☹	☹	☹	☹	☺	👍	👍
Sugar, cane	👍	😐	👍	👍	👍	👍	👍	👍	👍	👍
Sugar, cane (solution)	👍	👍	👍	☺	👍	👍	👍	👍	👍	👍
Sulphur	😐	😐	☹	👍	👍	👍	😐	☹	👍	👍
Sulphur, chloride	☹	☹	☹	☹	☹	☹	😐	👍	👍	👍
Sulphur, liquid	☹	☹	☹	😐	😐	☺	😐	☹	👍	👍
Sulphuric acid, (3 Molar)	👎	👎	☹	😐	☺	👎	☹	👍	👍	👍
Sulphuric acid, concentrated	☹	☹	☹	☹	☹	☹	☹	👍	👍	👍
Sulphuric acid, fuming (Oleum)	☹	☹	☹	☹	☹	☹	☹	👍	👍	👍
Sulphurous acid	☺	👍	☺	☺	☺	👍	☹	👍	👍	👍
Sulpurous Anhydride	😐	😐	☹	☺	👍	😐	☺	☹	👍	👍
Tannic acid	😐	👍	👍	☺	👍	☺	☺	👍	👍	👍
Tar	☹	☹	☺	😐	☹	😐	☹	👍	👍	👍
Tartaric acid	👍	👍	👍	☺	☺	👍	👍	👍	👍	👍
Tetralin	👎	👎	☹	☹	☹	👎	☹	👍	👍	👍
Tin, chloride (wet)	👍	👍	👍	☹	👍	👍	☺	👍	👍	👍
Toluene	☹	☹	☹	☹	☹	☹	☹	👍	👍	👍
Trichlorethylene	☹	☹	😐	☹	☹	☹	☹	👍	👍	👍
Turpentine	👎	👎	👍	☹	☹	👎	☹	👍	👍	👍
Varnish	☹	☹	☺	☹	☹	☹	☹	👍	👍	👍
Vaseline	😐	😐	👍	☺	☹	👍	☹	👍	👍	👍
Vinyl, chloride	☹	☹	☹	☹	☹	☹	☹	☹	👍	👍
Water	👍	👍	👍	☺	👍	👍	👍	☺	👍	👍
Water steam	☺	😐	☹	☹	👍	😐	😐	☺	👍	👍
Whisky	😐	😐	👍	👍	👍	👍	👍	👍	👍	👍
Wine	😐	😐	👍	👍	👍	👍	👍	👍	👍	👍
Zinc acetate	😐	👍	☺	☺	👍	☹	☹	☹	👍	👍
Zinc salt	☺	☺	👍	👍	👍	👍	👍	👍	👍	👍
Zinc, chloride (wet)	👍	👍	👍	👍	👍	👍	😐	👍	👍	👍

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