



Substance (EN)

Substanz (DE)

- + resistant
- / partially resistant
- o not resistant
- no information

- + sehr gut beständig
- / bedingt beständig
- o nicht beständig
- keine Information

Substance (EN)	Substanz (DE)	Sapphireceramic®	1.4571/1.4435/316 Ti/316 L	Hastelloy C	Tantal	FKM(z. B. Viton)	EPDM	FFKM	NBR	PTFE	PFA	FEP	PEEK	ECTFE	PVDF	PP	PA	PE
Aniline	Anilin	+	+	/	+	+	+	+	o	+	+	+	+	/	+	+	+	o
Aniline chlorohydrate - aqueous	Anilinchlorhydrat - wässrig	-	o	-	-	-	+	+	/	+	-	-	-	-	+	/	o	-
Aniline dye	Anilinfarbstoffe	+	+	/	+	/	/	+	o	-	-	-	-	-	-	-	-	-
Aniline hydrochloride	Anilinhydrochlorid	+	-	+	-	/	/	+	/	-	-	-	-	-	-	-	-	-
Animal oil	Tieröl	+	+	+	+	+	/	+	+	-	-	-	-	-	-	-	-	/
Anisole	Anisol	-	+	-	-	-	/	+	/	+	-	-	-	-	-	o	+	-
Anthracene oil	Anthracenöl	-	+	-	-	-	o	+	o	+	-	-	-	-	-	o	+	-
Anthraquinonesulfonic acid - aqueous	Anthrachinonsulfonsäure - wässrig	-	/	-	-	-	+	+	/	+	-	-	-	-	-	+	/	-
Antifreeze, automotive	Frostschutzmittel KFZ	+	-	+	-	-	+	+	/	+	-	-	+	-	+	+	-	-
Antifrogen-N	Antifrogen-N	+	+	-	-	-	+	-	+	+	-	-	-	-	-	+	+	-
Antimony chloride - aqueous	Antimonchlorid - wässrig	-	o	-	-	-	+	+	/	+	-	-	+	-	+	+	o	-
Apple juice, applesauce	Apfelsaft, Apfelmus	+	+	-	-	-	-	-	-	+	-	-	+	+	+	+	+	+
Apricot juice	Aprikosensaft	+	+	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-
Aqua regia	Königswasser	+	o	o	+	o	o	/	o	+	+	+	-	+	/	o	o	o
Arabic acid - aqueous	Arabinsäure - wässrig	-	+	-	-	-	+	+	+	+	-	-	-	-	-	+	-	-
Argon	Argon	+	+	+	+	+	+	+	+	-	-	-	-	-	-	-	-	+
Arsenic acid, aqueous	Arsensäure, wässrig	+	+	+	+	+	+	+	+	+	+	+	-	+	+	+	/	+
Arsenic trichloride - aqueous	Arsenrichlorid - wässrig	-	/	-	-	-	+	+	+	+	-	-	-	-	-	+	o	-
Arsenious acid, aqueous	Arsenige Säure - wässrig	-	+	-	-	-	+	+	+	+	-	-	-	-	-	+	-	-
Ascorbic acid - aqueous	Ascorbinsäure - wässrig	-	-	-	-	-	+	+	+	+	-	-	-	-	-	+	-	-
Aspartic acid - aqueous	Asparginsäure - wässrig	-	+	-	-	-	+	+	+	+	-	-	-	-	-	+	+	-
Asphalt	Asphalt	+	+	+	+	+	o	+	/	+	+	+	-	+	+	/	+	-
ASTM fuel A	ASTM-Kraftstoff A	+	+	-	-	-	o	+	/	+	-	-	-	-	-	/	+	-
ASTM fuel B	ASTM-Kraftstoff B	+	+	-	-	-	o	+	/	+	-	-	-	-	-	/	+	-
ASTM fuel C	ASTM-Kraftstoff C	+	+	-	-	-	o	+	/	+	-	-	-	-	-	/	+	-
ASTM oil no. 1	ASTM-Öl Nr. 1	+	+	-	-	-	o	+	+	+	-	-	-	-	-	/	+	-
ASTM oil no. 2	ASTM-Öl Nr. 2	+	+	-	-	-	o	+	/	+	-	-	-	-	-	/	+	-
ASTM oil no. 3	ASTM-Öl Nr. 3	+	+	-	-	-	o	+	/	+	-	-	-	-	-	/	+	-
ATE brake fluid	ATE-Bremsflüssigkeit	+	+	-	-	-	+	+	o	+	-	-	+	-	-	/	+	-
Barium chlorate - aqueous	Bariumchlorat - wässrig	-	+	-	-	-	+	+	+	+	-	-	-	-	-	+	o	-
Barium chloride, aqueous	Bariumchlorid, wässrig	+	+	+	+	+	+	+	+	+	+	+	-	+	+	+	+	-
Barium hydroxide, aqueous	Bariumhydroxid, wässrig	+	+	+	+	+	+	+	+	+	+	+	-	+	+	+	/	+
Barium salt	Bariumsalze	+	-	-	-	-	+	+	+	+	-	-	+	-	-	-	-	+
Barium sulphide	Bariumsulfid	-	+	-	o	+	+	+	+	+	+	+	-	/	/	/	/	+
Battery acid (20% sulphuric acid, aqueous)	Akkusäure (20 %-ige Schwefelsäure, wässrig)	-	+	-	-	-	+	+	/	+	-	-	/	-	+	+	o	-
Beer	Bier	+	-	-	-	-	-	-	-	+	+	+	+	+	+	+	+	+
Beeswax	Bienenwachs	+	+	-	-	-	+	-	+	+	-	-	-	-	-	+	o	-
Benzaldehyde - aqueous	Benzaldehyd - wässrig	+	+	-	-	-	+	+	/	+	-	-	+	-	/	+	/	-
Benzene	Benzol	+	+	-	-	-	o	+	o	+	-	-	+	-	/	o	+	-
Benzenesulfonic acid - aqueous	Benzolsulfonsäure - wässrig	+	+	-	-	-	+	+	+	+	-	-	o	-	+	+	-	-
Benzidine sulfonic acids - aqueous	Benzidinsulfonsäuren - wässrig	-	+	-	-	-	+	+	+	+	-	-	-	-	-	+	+	-
Benzoic acid - aqueous (saturated)	Benzoessäure - wässrig (gesättigt)	+	+	-	-	-	+	+	+	+	-	-	+	-	+	+	o	-
Benzyl alcohol	Benzylalkohol	+	+	-	-	-	+	+	o	+	-	-	+	-	+	+	/	-
Benzyl butyl phthalate - aqueous	Benzylbutylphthalat - wässrig	-	+	-	-	-	o	+	o	+	-	-	-	-	-	/	+	-
Bergamot oil	Bergamottöl	+	+	-	-	-	o	-	o	+	-	-	-	-	-	o	o	-
Bisulfite (sodium bisulfite) - aqueous	Bisulfit (Natriumbisulfit) - wässrig	+	+	-	-	-	+	+	/	+	-	-	+	-	+	+	/	-
Bitumen	Bitumen	+	-	-	-	-	-	-	-	+	+	+	+	+	+	/	+	-
Black liquor	Schwarzlauge	-	-	-	-	+	/	+	/	-	-	-	-	-	-	-	-	-
Blast furnace gas	Hochofengas	-	-	-	-	+	o	+	o	-	-	-	-	-	-	-	-	-
Borax - aqueous	Borax - wässrig	-	+	-	-	-	+	+	+	+	-	-	+	-	+	+	+	-
Boric acid - aqueous	Borsäure - wässrig	+	+	-	-	-	+	+	+	+	-	-	/	-	+	/	o	-
Brine (cooling brine)	Sole (Kühlsolen)	+	/	-	-	-	+	+	+	+	-	-	+	-	+	+	+	-
Bromine (liquid)	Brom (flüssig)	+	/	-	-	-	o	+	o	+	-	-	o	-	+	o	o	-
Bromochloromethane	Chlorbrommethan	+	+	+	+	+	/	+	o	-	-	-	-	-	-	-	-	-
Butadiene (gaseous)	Butadien (gasförmig)	+	+	-	-	-	/	+	/	+	-	-	-	-	+	+	+	-
Butane (gaseous and liquid)	Butan (gasförmig und flüssig)	+	+	-	-	-	o	+	+	+	-	-	+	-	o	o	+	-

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Butanediol	Butändiol	-	/	-	-	-	/	-	/	+	-	-	+	-	-	+	+	-
Butanediol – aqueous (10%)	Butandiol – wässrig (10 %)	+	+	-	-	-	+	/	+	+	-	-	+	-	+	/	+	-
Butanol (butyl alcohol)	Butanol (Butylalkohol)	+	+	-	-	-	+	+	/	+	-	-	+	-	+	+	+	-
Butoxyl (methoxybutyl acetate)	Butoxyl (Methoxybutylacetat)	-	+	-	-	-	/	-	+	+	-	-	-	-	-	+	-	-
Butter	Butter	+	+	-	-	-	+	-	+	+	-	-	-	-	+	+	+	-
Buttermilk	Buttermilch	+	+	-	-	-	+	-	+	+	-	-	-	-	-	/	o	-
Butyl acetate	Butylacetat	+	+	-	-	-	+	+	o	+	-	-	+	-	+	o	+	-
Butyl alcohol (butanol)	Butylalkohol (Butanol)	+	+	-	-	-	+	+	/	+	-	-	+	-	+	+	+	-
Butyl phthalate	Butylphthalat	-	+	-	-	-	o	+	o	+	-	-	-	-	-	/	+	-
Butylene (liquid)	Butylen (flüssig)	+	+	-	-	-	/	+	+	+	-	-	-	-	+	+	+	-
Butyric acid – aqueous	Buttersäure – wässrig	+	+	-	-	-	/	/	/	+	-	-	+	-	+	o	/	-
Calcium acetate	Kalziumacetat	-	-	-	-	-	o	+	+	/	-	-	-	-	-	-	-	-
Calcium acetate, aqueous	Kalziumacetat, wässrig	-	-	-	-	-	o	+	+	+	-	-	-	-	-	-	-	-
Calcium bisulfite – aqueous	Calciumbisulfitt – wässrig	-	+	-	-	-	+	+	+	+	-	-	+	-	-	+	o	-
Calcium bisulphite	Kalziumbisulfitt	-	-	-	-	-	+	o	+	+	-	-	-	-	-	-	-	-
Calcium carbonate	Kalziumcarbonat	-	-	-	-	-	+	+	+	+	-	-	-	-	-	-	-	-
Calcium chloride – aqueous	Calciumchlorid – wässrig	-	/	-	-	-	+	+	+	+	-	-	+	-	+	+	/	-
Calcium chloride, aqueous	Kalziumchlorid, wässrig	-	-	-	-	-	+	+	+	+	-	-	+	-	-	-	-	-
Calcium cyanide	Kalziumcyanid	-	-	-	-	-	+	+	+	+	-	-	-	-	-	-	-	-
Calcium hydroxide (lime solute) – aqueous – (lime milk)	Calciumhydroxid (gel. Kalk) – wässrig – (Kalkmilch)	-	+	-	-	-	+	+	+	+	-	-	+	-	+	/	+	-
Calcium hydroxide, aqueous	Kalziumhydroxid, wässrig	-	-	-	-	-	o	+	+	+	-	-	-	-	-	-	-	-
Calcium hypochloride	Kalziumhypochlorid	-	-	-	-	-	+	+	+	o	-	-	-	-	-	-	-	-
Calcium hypochlorite	Kalziumhypochlorit	-	-	-	-	-	+	+	+	o	-	-	-	-	-	-	-	-
Calcium hypochlorite (chlorinated lime) – aqueous	Calciumhypochlorit (Chlorkalk) – wässrig	+	/	-	-	-	+	+	o	+	-	-	+	-	+	+	o	-
Calcium nitrate	Kalziumnitrat (Kalksalpeter)	+	-	-	-	-	+	+	+	+	-	-	-	-	-	-	-	-
Calcium nitrate – aqueous	Calciumnitrat – wässrig	+	/	-	-	-	+	+	+	+	-	-	+	-	+	+	+	-
Calcium phosphate, aqueous	Kalziumphosphat, wässrig	-	-	-	-	-	+	+	+	+	-	-	-	-	-	-	-	-
Calcium salt	Kalziumsalze	-	-	-	-	-	+	+	+	+	-	-	-	-	-	-	-	-
Calcium silicate	Kalziumsilikat	-	-	-	-	-	+	+	+	+	-	-	-	-	-	-	-	-
Calcium sulphide	Kalziumsulfid	-	-	-	-	-	+	+	+	+	-	-	-	-	-	-	-	-
Calcium sulphite	Kalziumsulfitt	-	-	-	-	-	+	+	+	+	-	-	-	-	-	-	-	-
Calcium thiosulphate	Kalziumthiosulfat	-	-	-	-	-	+	+	+	/	-	-	-	-	-	-	-	-
Campher oil	Champheröl	-	+	-	-	-	o	/	+	+	-	-	-	-	-	o	-	-
Caprylaldehyde (hexanal)	Caprylaldehyd (Hexanal)	-	-	-	-	-	o	/	+	-	-	-	-	-	-	-	-	-
Carbitol	Carbitol	-	-	-	-	-	/	/	+	/	-	-	-	-	-	-	-	-
Carbolic acid (phenol)	Carbolsäure (Phenol)	-	+	+	+	+	+	o	+	o	+	+	+	+	+	/	o	-
Carbolineum (creosote; pesticides)	Carbolineum (Teeröl; Pflanzenschutzmittel)	+	+	-	-	-	/	+	/	+	-	-	-	-	-	o	+	-
Carbon dioxide	Kohlendioxid	+	+	+	+	/	+	+	+	+	-	-	+	-	-	-	-	+
Carbon disulphide	Schwefelkohlenstoff	+	+	+	+	+	+	o	+	o	+	+	+	-	+	+	o	+
Carbon monoxide, dry	Kohlenmonoxid, trocken	+	+	+	+	/	+	+	+	+	-	-	-	-	-	-	-	-
Carbon tetrachloride	Tetrachlorkohlenstoff	+	+	+	+	+	+	o	+	o	+	+	+	+	+	/	o	o
Carbonic acid	Kohlensäure	+	+	+	+	/	+	+	+	+	+	+	+	-	+	+	+	+
Caro's acid – aqueous	Caro'sche Säure – wässrig	-	o	-	-	-	o	-	o	+	-	-	-	-	-	o	o	-
Castor oil	Rizinusöl	+	+	+	+	+	/	+	+	-	-	-	-	-	-	-	-	+
Caustic potash (50%)	Kalilauge (50%)	/	/	/	o	o	+	+	/	-	-	-	-	-	-	-	-	/
Caustic potash (max. 10%/85°C)	Kalilauge (max. 10%/85°C)	+	/	/	/	o	+	+	/	-	-	-	-	-	-	-	-	+
Caustic soda (max. 10%/85°C)	Natronlauge (max. 10%/85°C)	+	+	+	+	o	+	+	/	+	-	+	-	-	/	-	-	+
Caustic solution	Beizlösung	+	+	+	-	/	o	+	o	-	-	-	-	-	-	-	-	-
Cellosolve (glycol ethyl ether)	Cellosolve (Glykolyethylether)	-	+	-	-	-	o	+	o	+	-	-	-	-	+	o	+	-
Cellulose lacquers	Celluloselacke	-	+	-	-	-	/	+	o	+	-	-	-	-	-	/	+	-
Cetan (hexadecan)	Cetan (Hexadecan)	-	-	-	-	-	+	o	+	+	-	-	-	-	-	-	-	-
Cetyl alcohol	Octylalkohol	+	-	-	-	-	+	+	+	/	-	-	-	-	-	-	-	-
Chloral hydrate (chloral) - aqueous	Chloralhydrat (Chloral) - wässrig	-	/	-	-	-	/	+	o	+	-	-	-	-	o	o	o	-
Chloric acid - aqueous	Chlorsäure - wässrig	-	o	-	-	-	/	+	o	+	-	-	-	-	+	o	o	-
Chloric solvent	Chlorhaltige Lösungsmittel	+	-	-	-	-	+	o	+	o	-	-	-	-	-	-	-	-
Chlorine (gas) - dry	Chlor (gasförmig) - trocken	+	+	-	-	-	o	+	o	+	-	-	+	-	+	o	o	-



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Dextrin - aqueous	Dextrin - wässrig	-	+	-	-	-	+	+	+	+	-	-	-	-	+	+	+	-
Dextrose (glucose) - aqueous	Dextrose (Glukose) - wässrig	-	+	-	-	-	+	+	+	+	-	-	+	-	-	+	+	-
Diacetone alcohol - anhydrous	Diacetonalkohol - wasserfrei	-	+	-	-	-	+	+	o	+	-	-	-	-	-	-	/	-
Dibenzylsebacat	Dibenzylsebacat	-	-	-	-	/	/	+	o	-	-	-	-	-	-	-	-	-
Dibromdifluormethane	Dibromdifluormethan	-	-	-	-	-	/	+	o	-	-	-	-	-	-	-	-	-
Dibromethylbenzene	Dibromethylbenzol	-	-	-	-	+	o	+	o	-	-	-	-	-	-	-	-	-
Dibutyl ether	Dibutylether	-	-	-	-	o	o	+	o	-	-	-	-	-	-	-	-	o
Dibutyl phthalate (palatinol C)	Dibutylphthalat (Palatinol C)	-	+	+	+	o	/	+	o	-	-	-	-	-	-	-	-	/
Dibutyl sebacate	Dibutylsebacat	-	-	-	-	/	/	+	o	-	-	-	-	-	-	-	-	+
Dibutylamine	Dibutylamin	-	-	-	-	o	o	/	o	-	-	-	-	-	-	-	-	-
Dichlorodiisopropylether	Dichlorisopropylether	+	-	-	-	o	o	+	o	-	-	-	-	-	-	-	-	-
Dichlorobenzene	Dichlorbenzol	+	-	-	-	+	o	+	o	+	+	+	/	+	+	/	+	/
Dichlorobutane	Dichlorbutan (Tetramethylenchlorid)	+	-	-	-	+	o	+	/	-	-	-	-	-	-	-	-	-
Dichloroethylene	Dichlorethylen	+	+	-	-	-	o	+	o	+	-	-	+	-	+	o	+	-
Dichloromethane (methylene chloride)	Dichlormethan (Methylenchlorid)	+	+	-	-	-	o	+	o	+	-	-	/	-	o	o	o	-
Dicyclohexylamine	Dicyclohexylamin	-	-	-	-	o	o	-	o	-	-	-	-	-	-	-	-	-
Dicyclohexylammonium nitrite	Dicyclohexylammoniumnitrit	-	+	-	-	-	+	+	+	+	-	-	-	-	-	-	-	-
Diesel fuel	Diesekraftstoff	+	+	+	+	+	o	+	+	+	+	+	-	+	+	+	+	/
Diesel oil	Dieselöl	+	+	-	-	-	o	+	/	+	-	-	+	-	+	/	+	-
Diethyl ether (ether)	Diethylether (Ether)	-	+	-	-	-	o	+	o	+	-	-	+	-	+	o	+	-
Diethyl sebacate	Diethylsebacat	-	-	-	-	+	+	+	o	-	-	-	-	-	-	-	-	-
Diethylamine	Diethylamin	-	-	-	-	o	o	+	o	+	+	+	+	+	o	+	+	-
Diethylenglycol	Diethylenglykol	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-
Difluoro-dibromomethane	Difluordibrommethan	-	-	-	-	-	/	-	o	-	-	-	-	-	-	-	-	-
Diisobutyl ketone	Diisobutylketon	+	+	+	+	o	+	+	o	+	+	+	-	/	o	/	+	/
Diisobutylene	Diisobutylen	-	+	+	+	+	o	+	/	-	-	-	-	-	-	-	-	-
Diisooctyl sebacate	Diisooctylsebacat	-	-	-	-	/	o	+	o	-	-	-	-	-	-	-	-	-
Diisopropyl ketone	Diisopropylketon	+	+	+	+	o	+	+	o	-	-	-	-	-	-	-	-	-
Dimethyl formamide (DMF)	Dimethylformamid (DMF)	-	-	-	-	o	+	+	o	+	+	+	+	/	o	+	/	/
Dimethyl hydrazine	Dimethylhydrazin	-	-	-	-	o	+	+	o	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	Dimethylphthalat	-	-	-	-	/	/	+	o	-	-	-	-	-	-	-	-	+
Dimethyl sulfoxide (DMSO)	Dimethylsulfoxid (DMSO)	-	-	-	-	-	+	-	+	-	-	-	/	-	o	-	/	-
Dimethylamine	Dimethylamin	-	+	-	-	-	/	+	o	+	-	-	-	-	o	/	o	-
Dimethylether (methyl ether)	Dimethylether (Methylether)	-	+	+	+	+	+	+	+	+	+	+	-	+	+	o	+	+
Dinitrogen monoxide (laughing gas, nitrous oxide)	Distickstoffmonoxyd (Lachgas, Stickoxydul)	-	+	-	-	-	+	+	+	+	-	-	+	-	+	+	+	-
Dinitrotoluol	Dinitrotoluol	-	-	-	-	o	o	+	o	-	-	-	-	-	-	-	-	-
Diocetyl phthalate (DOP)	Diocetylphthalat (DOP)	-	-	-	-	+	+	+	o	-	-	-	-	-	-	-	-	/
Diocetyl sebacate (DOS)	Diocetylsebacat (DOS)	-	-	-	-	+	+	+	o	-	-	-	-	-	-	-	-	-
Dioxane	Dioxan	+	+	+	+	o	/	+	o	+	+	+	+	+	o	/	+	+
Dioxolane	Dioxolan	-	-	-	-	o	/	+	o	-	-	-	-	-	-	-	-	-
Diphenyl	Diphenyl	+	+	+	+	+	o	+	o	-	-	-	-	-	-	-	-	-
Diphenyl ether	Diphenylether	-	-	-	-	+	o	+	o	+	+	+	-	+	+	o	+	+
Dissousgas (acetylene + acetone)	Dissousgas (Acetylen + Aceton)	-	+	-	-	-	+	-	o	+	-	-	-	-	-	/	+	-
Dodecyl alcohol	Dodecylalkohol	+	+	+	-	+	+	+	+	-	-	-	-	-	-	-	-	-
Drilling fluids (cutting oils)	Bohröle (Schneidöle)	+	+	-	-	-	o	+	/	+	-	-	-	-	-	/	/	-
Dyeing wetting agents (nekal BX)	Färbereinetzmittel (Nekal BX)	-	+	-	-	-	+	-	+	+	-	-	-	-	-	+	-	-
Edible oil	Speiseöl	+	+	+	+	-	o	+	/	+	-	-	+	-	+	/	+	-
Epichlorohydrin	Epichlorhydrin	-	-	-	-	o	o	+	o	-	-	-	-	-	-	-	-	-
Epoxide resin	Epoxidharze	+	+	+	+	o	+	+	-	-	-	-	-	-	-	-	-	+
Ethane	Ethan	+	+	+	+	+	o	+	+	-	-	-	+	-	-	-	-	-
Ethanol (ethyl alcohol)	Ethanol (Ethylalkohol)	+	+	+	+	o	+	+	+	+	+	+	+	+	+	/	o	+
Ethanolamine (colamine)	Ethanolamin (Colamin)	-	-	-	-	o	/	o	/	-	-	-	-	-	-	-	-	-
Ether	Äther	+	-	-	-	-	-	-	-	+	+	+	-	+	+	+	+	-
Ether (Diethyl ether)	Ether (Diethylether)	+	+	-	-	-	o	+	o	+	-	-	+	-	+	o	+	-
Ethereal oils	Ätherische Öle	+	+	-	-	-	o	+	o	+	-	-	-	-	-	o	o	-
Ethyl acetate	Ethylacetat	+	-	-	-	o	/	+	o	+	+	+	+	+	o	/	+	-

Sapphireceramic®  
1.4571/1.4435/316 Ti/316 L  
Hastelloy C  
Tantal  
FKM(z. B. Viton)  
EPDM  
FFKM  
NBR  
PTFE  
PFA  
FEP  
PEEK  
ECTFE  
PVDF  
PP  
PA  
PE

Substance (EN)

Substanz (DE)

- + resistant
- / partially resistant
- o not resistant
- no information

- + sehr gut beständig
- / bedingt beständig
- o nicht beständig
- keine Information

Substance (EN)	Substanz (DE)	Sapphireceramic®	1.4571/1.4435/316 Ti/316 L	Hastelloy C	Tantal	FKM(z. B. Viton)	EPDM	FFKM	NBR	PTFE	PFA	FEP	PEEK	ECTFE	PVDF	PP	PA	PE
Ethyl acetate	Essigester (Ethylacetat)	+	+	-	-	-	/	/	o	+	-	-	-	-	/	o	/	-
Ethyl acrylate	Acrylsäureethylester	-	-	-	-	o	/	+	o	+	+	+	-	+	+	/	+	-
Ethyl acrylic acid	Ethylacrylsäure	-	-	-	-	-	/	-	o	-	-	-	-	-	-	-	-	-
Ethyl alcohol - denatured or dep. on denaturant	Ethylalkohol - vergällt o. abh. von Vergällungsmittel	+	+	-	-	-	/	+	/	+	-	-	+	-	-	+	/	-
Ethyl alcohol - fermented mash	Ethylalkohol - Gärungsmaische	+	+	-	-	-	+	+	+	+	-	-	+	-	+	+	/	-
Ethyl alcohol + acetic acid	Ethylalkohol + Essigsäure	+	+	-	-	-	+	+	/	+	-	-	+	-	+	+	o	-
Ethyl benzene	Ethylbenzol	-	-	-	-	+	+	+	o	+	+	+	-	/	/	/	+	-
Ethyl benzoate	Ethylbenzoat	-	-	-	-	+	o	+	o	-	-	-	-	-	-	-	-	-
Ethyl bromide	Ethylbromid	-	-	-	-	+	o	+	/	-	-	-	-	-	-	-	-	-
Ethyl bromide - anhydrous	Ethylenbromid - wasserfrei	-	+	-	-	-	o	+	o	+	-	-	o	-	+	o	+	-
Ethyl cellulose	Ethylcellulose	-	-	-	-	o	/	+	/	-	-	-	-	-	-	-	-	-
Ethyl chloride	Ethylchlorid	+	-	-	-	+	+	+	+	+	+	+	-	+	+	/	/	-
Ethyl cyclopentane	Ethylcyclopentan	-	-	-	-	+	o	+	+	-	-	-	-	-	-	-	-	-
Ethyl ether	Ethylether	-	-	-	-	o	o	+	o	+	+	+	+	+	+	o	+	-
Ethyl formate	Ethylformiat	-	+	-	-	-	/	+	o	+	-	-	-	-	+	/	+	-
Ethyl mercaptane	Ethylmercaptan	-	-	-	-	/	-	+	o	-	-	-	-	-	-	-	-	-
Ethyl pentachloride benzene	Ethylpentachlorbenzol	-	-	-	-	+	o	+	o	-	-	-	-	-	-	-	-	-
Ethyl silicate	Ethylsilikat	-	-	-	-	+	+	+	+	-	-	-	-	-	-	-	-	-
Ethylene	Ethylen	+	+	+	+	+	o	+	+	-	-	-	-	-	-	-	-	-
Ethylene chloride	Ethylenchlorid	-	-	-	-	/	o	+	o	-	-	-	-	-	-	-	-	-
Ethylene chlorohydrine	Ethylenchlorhydrin	-	-	-	-	+	/	+	o	+	+	+	-	+	+	/	o	-
Ethylene diamine	Ethylen-diamin	-	-	-	-	o	+	o	+	+	+	+	-	+	+	+	o	-
Ethylene dibromide	Ethylen-dibromid	-	-	-	-	+	o	+	o	-	-	-	-	-	-	-	-	-
Ethylene dichloride	Ethylen-dichlorid	-	-	-	-	+	o	+	o	-	-	-	-	-	-	-	-	-
Ethylene glycol	Ethylenglycol	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-
Ethylene oxide	Ethylenoxid	-	-	-	-	o	o	o	o	+	+	+	+	+	+	/	+	-
Exhaust gases – containing carbon dioxide	Abgase – kohlendioxidhaltig	+	/	-	-	+	+	+	+	+	-	-	o	-	+	+	/	/
Exhaust gases – containing carbon monoxide	Abgase – kohlenmonoxidhaltig	+	+	+	-	+	+	+	+	+	-	-	+	-	+	+	+	/
Exhaust gases – containing hydrochloric acid	Abgase – salzsäurehaltig	-	/	o	-	+	+	+	+	+	-	-	/	-	+	+	o	/
Exhaust gases – containing hydrogen fluoride	Abgase – fluorwasserstoffhaltig	-	/	-	-	+	+	+	+	+	-	-	o	-	+	+	/	/
Exhaust gases – containing nitrous compounds	Abgase – nitrorealtig	+	+	+	-	+	+	/	+	-	-	+	-	+	+	+	o	/
Exhaust gases – containing sulphur dioxide (dry)	Abgase – schwefeldioxidhaltig (trocken)	+	+	+	-	+	+	+	/	+	-	-	+	-	+	+	/	/
Exhaust gases – containing sulphur trioxide (dry)	Abgase – schwefeltrioxidhaltig (trocken)	+	+	+	-	+	+	+	/	+	-	-	+	-	+	+	+	/
Exhaust gases – containing sulphuric acid – (sulphur trioxide mo	Abgase – schwefelsäurehaltig – (Schwefeltrioxid feucht)	+	+	+	-	+	+	+	/	+	-	-	o	-	+	+	o	/
Fats, fatty oils	Fette, fette Öle	+	+	+	+	-	o	+	/	+	-	-	+	-	+	/	+	-
Fatty acids	Fettsäuren	+	+	+	+	+	o	+	/	+	+	+	+	+	+	+	+	/
Fatty alcohol sulfates (sulfated fats) - aqueous	Fettaalkoholsulfate (sulfatierte Fette) – wässrig	-	+	-	-	-	/	+	+	+	-	-	-	-	+	+	/	-
Fatty alcohols	Fettaalkohole	-	+	-	-	-	/	+	+	+	-	-	-	-	-	/	+	-
Fixing salt	Fixiersalz	-	+	-	-	+	+	+	+	-	-	-	-	-	-	-	-	-
Fluorine (dry)	Fluor (trocken)	-	+	-	-	-	o	/	o	+	-	-	o	-	/	o	o	-
Fluorine (wet)	Fluor (feucht)	-	/	-	-	-	o	o	o	/	-	-	o	-	o	o	o	-
Fluoroboric acid	Borfluorwasserstoffsäure (Fluorborsäure)	-	o	-	-	-	+	/	+	+	-	-	-	-	+	+	o	-
Fluoroboric acid	Fluorborsäure (Borfluorwasserstoffsäure)	-	o	-	-	-	+	/	+	+	-	-	-	-	+	+	o	-
Fluorocarbons (Freon)	Fluorkohlenstoffe (Frigen)	+	-	-	-	-	-	-	-	+	-	-	+	-	/	-	+	-
Fluorosilicic acid	Fluorkieselsäure	-	-	-	-	+	+	+	/	+	+	+	-	+	+	+	o	+
Fluorosilicic acid (Hydrofluorosilicic acid)	Kieselfluorwasserstoffsäure (Kieselflußsäure)	/	/	-	-	-	/	+	/	+	-	-	-	-	+	+	o	-
Food fats and oils	Lebensmittelfette und -öle	+	+	+	+	+	o	+	/	+	-	-	+	-	+	/	+	-
Formaldehyde	Formaldehyd	+	+	/	-	o	/	+	o	-	-	-	+	-	-	-	-	+
Formaldehyde (40%)	Formaldehyd (40%)	+	-	-	-	-	-	-	-	+	+	+	-	+	+	+	/	-
Formic acid	Ameisensäure	+	-	-	-	-	-	-	-	+	+	+	/	+	+	+	o	-
Formic acid (max. 10%/85°C)	Ameisensäure (max. 10%/85°C)	+	+	+	+	o	+	+	o	-	-	-	-	-	-	-	-	+
Formic acid methyl ester	Ameisensäuremethylester	+	-	-	-	-	/	+	o	-	-	-	-	-	-	-	-	-
Freon TF (Freon 113)	Freon TF (Freon 113)	+	+	+	-	-	o	o	+	+	-	-	+	-	+	o	+	-
Frigene 12 B1 (Freon 12 B1)	Frigen 12 B1 (Freon 12 B1)	+	+	+	-	-	o	+	+	+	-	-	+	-	+	o	+	-
Frigene 13	Frigen 13	+	+	+	-	-	o	/	+	+	-	-	+	-	o	o	-	-
Frigene 13 B 1 (Halon 1301)	Frigen 13 B 1 (Halon 1301)	+	+	+	-	-	o	+	+	+	-	-	-	-	/	o	+	-

Substance (EN)

Substanz (DE)

- + resistant
- / partially resistant
- o not resistant
- no information

- + sehr gut beständig
- / bedingt beständig
- o nicht beständig
- keine Information

Substance (EN)	Substanz (DE)	Sapphireceramic®	1.4571/1.4435/316 Ti/316 L	Hastelloy C	Tantal	FKM(z. B. Viton)	EPDM	FKKM	NBR	PTFE	PFA	FEP	PEEK	ECTFE	PVDF	PP	PA	PE
Frigene 22	Frigen 22	+	+	+	-	-	o	/	o	+	-	-	+	-	o	o	+	-
Frigene 23	Frigen 23	+	+	+	-	-	o	o	+	+	-	-	-	-	/	o	-	-
Frigene 502	Frigen 502	+	+	+	-	-	o	/	o	+	-	-	+	-	/	/	+	-
Frigene substitute HFCKW 123	Frigenersatz HFCKW 123	+	+	+	-	-	o	o	o	+	-	-	-	-	-	-	-	-
Frigene substitute HFCKW 134a	Frigenersatz HFCKW 134a	+	+	+	-	-	-	o	-	+	-	-	+	-	-	-	-	-
Fruit juices	Fruchtsäfte	+	+	+	-	-	/	-	/	+	-	-	+	-	-	/	/	-
Fruit tree carbolineum (creosote)	Obstbaum-Karbolineum (Karbolineum)	+	+	-	-	-	/	+	/	+	-	-	-	-	-	o	+	-
Fuel oil, heavy	Heizöl, schwer	+	+	+	+	+	o	+	o	+	+	+	+	+	+	+	+	o
Fuel oil, light	Heizöl, leicht	+	+	+	+	+	o	+	+	+	+	+	+	+	+	+	+	/
Fumaric acid	Fumarsäure	-	-	-	-	+	-	+	+	-	-	-	-	-	-	-	-	-
Furfural (furaldehyde)	Furfural (Furaldehyd)	+	/	+	+	o	/	+	o	+	+	+	-	+	/	o	/	-
Furfuryl alcohol	Furfurylalkohol	-	-	-	-	-	/	+	o	-	-	-	-	-	-	-	-	+
Furyl carbinol	Furylcarbinol	-	-	-	-	-	/	+	o	-	-	-	-	-	-	-	-	-
Galvanic bath, chromium	Galvanik-Bad (Chrom)	-	-	-	-	+	o	+	o	-	-	-	-	-	-	-	-	+
Gelatin, aqueous	Gelatine, wässrig	+	+	-	-	-	o	-	+	+	-	-	-	-	-	-	-	-
Glucose	Glucose	+	+	+	+	+	+	+	+	-	-	-	+	-	-	-	-	+
Glycerol	Glycerin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Glycerol triacetate	Glycerintriacetat	-	-	-	-	o	+	+	/	-	-	-	-	-	-	-	-	-
Glycine (amino acetic acid) - aqueous	Glykokoll (Aminoesigsäure) – wässrig	-	+	-	-	-	+	-	/	+	-	-	-	-	+	+	/	-
Glycol	Glykol	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Glycol ethyl ether (cellosolve)	Glykolethylether (Cellosolve)	-	+	-	-	-	o	+	o	+	-	-	-	-	+	o	+	-
Glycolic acid - aqueous	Glykolsäure – wässrig	-	/	-	-	-	+	+	+	+	-	-	-	-	+	+	o	-
Hair shampoo	Haarschampoo	+	+	+	+	-	/	-	/	+	-	-	-	-	-	/	+	-
Helium	Helium	+	+	+	+	+	+	+	+	-	-	-	-	-	-	-	-	+
Heptane	Heptan	+	/	/	+	+	o	+	+	+	+	+	+	+	+	/	+	/
Hexaldehyde	Hexaldehyd	-	-	-	-	o	+	+	o	-	-	-	-	-	-	-	-	-
Hexamethylenetetramine - aqueous	Hexamethylenetetramin – wässrig	-	+	-	-	-	+	+	+	+	-	-	-	-	-	+	+	-
Hexane	Hexan	+	+	+	+	+	o	+	+	+	+	+	-	+	+	/	+	/
Hexyl alcohol	Hexylalkohol	+	+	+	+	+	o	+	+	+	+	+	-	+	+	+	/	+
Humic acids	Huminsäuren	-	+	-	-	-	+	-	+	+	-	-	-	-	-	+	o	-
Hydraulic fluid (water in oil, HSB)	Hydraulikfl. (Wasser in Öl, HSB)	+	+	-	-	-	o	+	/	+	-	-	-	-	-	+	+	-
Hydraulic fluid, mineral oils (H, H-L, H-LP)	Hydraulikfl. Mineralöle (H, H-L, H-LP)	+	+	-	-	-	o	+	/	+	-	-	-	-	-	+	+	-
Hydraulic fluid, phosphoric esters (HSD)	Hydraulikfl. Phosphorsäureester (HSD)	+	+	-	-	-	/	+	o	+	-	-	-	-	-	o	o	-
Hydraulic fluid, polyglycol water (HSC)	Hydraulikfl. Polyglykol-Wasser (HSC)	+	+	-	-	-	+	+	+	+	-	-	-	-	-	+	+	-
Hydraulic fluid, water-oil emulsions (HSA)	Hydraulikfl. Wasser-Öl-Emulsionen (HSA)	+	+	-	-	-	o	+	/	+	-	-	-	-	-	+	+	-
Hydrazine	Hydrazin	-	/	/	-	o	+	+	o	-	-	-	+	-	-	-	-	-
Hydrazine hydrate - aqueous	Hydrazinhydrat – wässrig	-	o	-	-	-	+	+	o	+	-	-	+	-	/	o	-	-
Hydrobromic acid – aqueous	Bromwasserstoffsäure – wässrig	+	o	-	-	-	+	+	o	+	-	-	o	-	+	+	o	-
Hydrochloric acid	Salzsäure	/	o	o	+	+	o	+	o	+	+	+	+	+	+	o	o	+
Hydrochloric acid (max. 6%/85°C)	Salzsäure (max. 6%/85°C)	+	/	o	+	+	+	+	-	-	-	-	-	-	-	-	-	-
Hydrocyanic acid – aqueous	Blausäure – wässrig	+	+	-	-	-	/	+	/	+	-	-	-	-	+	+	o	-
Hydrofluoric acid (45%)	Flußsäure (45%)	+	-	-	-	-	-	-	-	+	+	+	-	+	+	+	o	-
Hydrogen	Wasserstoff	+	/	+	+	+	+	+	+	-	-	-	-	-	-	-	-	+
Hydrogen chloride gas	Chlorwasserstoffgas	+	+	-	-	-	/	+	/	+	-	-	+	-	+	+	o	-
Hydrogen peroxide (50%/25°C)	Wasserstoffperoxid (50%/25°C)	+	+	o	-	+	o	+	o	-	-	-	-	-	-	-	-	o
Hydrogen peroxide (max. 6%/85°C)	Wasserstoffperoxid (max. 6%/85°C)	+	+	o	-	o	o	+	o	-	-	-	-	-	-	-	-	o
Hydrogen sulphide	Schwefelwasserstoff	+	/	/	+	o	+	+	o	+	+	+	+	+	+	o	+	+
Hydroquinone	Hydrochinon	-	-	-	-	/	o	+	o	+	+	+	-	+	+	+	o	-
Hydroxylamine sulphate - aqueous	Hydroxylaminsulfat – wässrig	-	+	-	-	-	+	+	+	+	-	-	-	-	-	+	+	-
Illuminating gas	Leuchtgas	+	+	+	+	+	o	+	+	-	-	-	+	-	-	-	-	+
Impregnating oils (wood tar)	Imprägnieröle (Holzteer)	+	+	-	-	-	o	+	o	+	-	-	-	-	-	o	-	-
Iodine	Jod	+	/	/	+	+	/	+	/	+	+	+	/	+	+	/	o	+
Iodine + potassium iodide – aqueous	Jod+Jodkalium – wässrig	+	/	-	-	-	/	+	/	+	-	-	/	-	+	/	o	-
Iron chloride	Eisenchlorid	+	o	-	-	+	+	+	+	+	+	+	+	+	+	+	+	+
Iron nitrate	Eisennitrat	+	+	-	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Iron(II)sulphate, aqueous	Eisen(II)Sulfat, wässrig	+	+	/	+	+	+	+	+	-	-	-	+	-	-	-	-	+





Substance (EN)

Substanz (DE)

- + resistant
- / partially resistant
- o not resistant
- no information

- + sehr gut beständig
- / bedingt beständig
- o nicht beständig
- keine Information

Substance (EN)	Substanz (DE)	Sapphireceramic®	1.4571/1.4435/316 Ti/316 L	Hastelloy C	Tantal	FKM(z. B. Viton)	EPDM	FFKM	NBR	PTFE	PFA	FEP	PEEK	ECTFE	PVDF	PP	PA	PE
Methyl alcohol (methanol)	Methylalkohol (Methanol)	+	-	-	-	-	+	+	o	+	-	-	+	-	+	+	/	-
Methyl aniline	Methylanilin	-	-	-	-	/	-	+	o	-	-	-	-	-	-	-	-	-
Methyl benzoate	Methylbenzoat	-	-	-	-	+	o	+	o	-	-	-	-	-	-	-	-	-
Methyl bromide	Methylbromid	-	-	-	-	+	o	+	/	-	-	-	-	-	-	-	-	/
Methyl butyl ketone	Methylbutylketon	-	-	-	-	o	+	+	o	+	+	+	-	/	/	/	+	-
Methyl carbonate	Methylcarbonat	-	-	-	-	+	o	+	o	-	-	-	-	-	-	-	-	-
Methyl cellosolve	Methyl Celiosolve	-	-	-	-	o	/	+	o	-	-	-	-	-	-	-	-	+
Methyl cellulose	Methylcellulose	-	-	-	-	o	/	+	/	-	-	-	-	-	-	-	-	-
Methyl chloride	Methylchlorid	-	/	+	+	+	o	+	o	-	-	-	+	-	-	-	-	/
Methyl chloroform	Methylchloroform	-	-	-	-	+	o	+	o	+	+	+	-	+	o	/	/	-
Methyl cyclopentane	Methylcyclopentan	-	-	-	-	+	o	+	o	-	-	-	-	-	-	-	-	-
Methyl ethyl ketone	Methylethylketon	-	+	-	-	-	/	+	o	+	-	-	/	-	o	o	/	-
Methyl ethyl ketone peroxide	Methylethylketonperoxid	-	-	-	-	o	o	+	o	-	-	-	+	-	-	-	-	-
Methyl formate	Methylformiat	-	+	+	-	-	/	+	o	-	-	-	-	-	-	-	-	-
Methyl glycol	Methylglykol	+	-	-	-	o	/	-	o	+	+	+	-	+	+	+	+	-
Methyl isobutyl ketone (MIBK)	Methylisobutylketon, MIBK	-	-	-	-	o	o	+	o	+	+	+	+	/	+	/	+	-
Methyl isopropyl ketone	Methylisopropylketon	-	-	-	-	o	o	+	o	-	-	-	-	-	-	-	-	-
Methyl methacrylate	Methylmethacrylat	-	-	-	-	o	o	+	o	+	+	+	-	/	/	o	+	-
Methyl oleate	Methyloleat	-	-	-	-	+	/	+	o	-	-	-	-	-	-	-	-	-
Methyl salicylate	Methylsalicylat	-	-	-	-	-	/	+	o	-	-	-	-	-	-	-	-	-
Methylamine - aqueous	Methylamin - wässrig	-	/	-	-	-	/	o	o	+	-	-	+	-	o	+	/	-
Methyl-D-bromide	Methyl-D-Bromid	-	-	-	-	+	-	+	o	-	-	-	-	-	-	-	-	-
Methylene chloride	Methylenchlorid	+	/	/	+	/	o	+	o	+	+	+	+	/	o	/	/	/
Methylene dichloride	Methylenchlorid	-	-	-	-	/	o	+	o	-	-	-	-	-	-	-	-	-
Milk	Milch	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mineral oil	Mineralöl	+	+	+	+	+	o	+	+	+	+	+	+	+	+	+	+	/
Mineral water	Mineralwasser	+	/	-	-	-	+	-	+	+	-	-	+	-	+	+	+	-
Molasses, molasses flavouring	Melasse, Melassewürze	-	+	-	-	-	+	+	+	+	-	-	+	-	+	+	+	-
Mono bromobenzene	Monobrombenzol	+	-	-	-	+	o	+	o	-	-	-	-	-	-	-	-	o
Mono methyl aniline	Monomethylanilin	+	-	-	-	/	-	+	o	-	-	-	-	-	-	-	-	-
Mono methylhydrazine	Monomethylhydrazin	-	-	-	-	-	+	+	/	-	-	-	-	-	-	-	-	-
Mono nitrotoluol	Mononitrotoluol	-	-	-	-	o	o	+	o	-	-	-	-	-	-	-	-	-
Mono vinylacetylene	Monovinylacetylen	-	-	-	-	+	+	+	+	-	-	-	-	-	-	-	-	-
Monoethanolamine	Monoethanolamin	-	-	-	-	o	/	+	o	-	-	-	-	-	-	-	-	+
Morpholine - pure	Morpholin - rein	-	+	-	-	-	/	/	o	+	-	-	-	-	+	+	-	-
Naphtalene	Naphthalin	+	+	+	+	+	o	+	o	-	-	-	+	-	-	-	-	/
Naphtenic acid	Naphthensäuren	+	+	+	+	+	o	+	/	-	-	-	-	-	-	-	-	-
Naptha	Naptha	-	-	-	-	+	o	+	/	+	+	+	+	/	+	/	+	+
Natural gas	Erdgas	+	+	+	+	+	o	+	+	-	-	-	-	-	-	-	-	+
Neatsfoot oil	Knochenöl	+	+	+	+	-	o	+	/	+	-	-	-	-	-	+	+	-
Nekal BX - aqueous (dyeing wetting agent)	Nekal BX - wässrig (Färbereinnetzmittel)	-	+	-	-	-	+	/	+	+	-	-	-	-	-	+	-	-
Neon	Neon	+	+	+	+	+	+	+	+	-	-	-	+	-	-	-	-	+
Nickel acetate	Nickelacetat	-	-	-	-	o	+	+	/	-	-	-	+	-	-	-	-	-
Nickel chloride	Nickelchlorid	+	/	+	+	+	+	+	+	+	+	+	+	+	+	+	+	/
Nickel salt	Nickelsalze	-	/	-	-	+	+	+	+	-	-	-	+	-	-	-	-	+
Nickel sulphate	Nickelsulfat	+	+	/	+	+	+	+	+	+	+	+	+	+	+	+	+	/
Nitric acid	Salpetersäure	/	o	o	+	/	o	+	o	+	+	+	o	+	/	o	o	o
Nitric acid (max. 6%/85°C)	Salpetersäure (max. 6%/85°C)	+	+	+	+	+	+	-	-	-	-	-	o	-	-	-	-	-
Nitrobenzene	Nitrobenzol	+	+	+	+	/	o	+	o	+	+	+	+	+	+	o	/	/
Nitrobenzoic acids - aqueous	Nitrobenzoesäuren - wässrig	-	+	-	-	-	+	+	+	+	-	-	-	-	-	+	+	-
Nitroethane	Nitroethan	+	-	-	-	o	/	+	o	-	-	-	-	-	-	-	-	-
Nitrogen	Stickstoff	+	+	+	+	+	+	+	+	-	-	-	+	-	-	-	-	+
Nitrogen oxides (nitrous gases)	Stickoxide (Nitrose Gase)	+	/	-	-	-	o	/	o	+	-	-	+	-	/	o	o	-
Nitrogen tetraoxide	Stickstofftetraoxid	-	-	-	-	o	o	+	o	-	-	-	-	-	-	-	-	-
Nitromethane	Nitromethan	+	-	-	-	o	/	+	o	+	+	+	-	+	+	/	/	-
Nitropropane	Nitropropan	+	-	-	-	o	/	+	o	-	-	-	-	-	-	-	-	-

Sapphireceramic®

1.4571/1.4435/316 Ti/316 L

Hastelloy C

Tantal

FKM(z. B. Viton)

EPDM

FFKM

NBR

PTFE

PFA

FEP

PEEK

ECTFE

PVDF

PP

PA

PE

Substance (EN)

Substanz (DE)

- + resistant
- / partially resistant
- o not resistant
- no information

- + sehr gut beständig
- / bedingt beständig
- o nicht beständig
- keine Information

Substance (EN)	Substanz (DE)	Sapphireceramic®	1.4571/1.4435/316 Ti/316 L	Hastelloy C	Tantal	FKM(z. B. Viton)	EPDM	FFKM	NBR	PTFE	PFA	FEP	PEEK	ECTFE	PVDF	PP	PA	PE
Nitrotoluene (o-, m-, p) - pure	Nitrotoluole (o-, m-, p) - rein	-	+	-	-	-	o	/	/	+	-	-	/	-	+	+	o	-
Noble gases	Edelgase	+	/	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Octachlorotoluene	Octachlortoluol	+	-	-	-	+	o	+	o	-	-	-	-	-	-	-	-	-
Octadecane	Octadekan	+	-	-	-	+	o	+	+	-	-	-	-	-	-	-	-	-
Octane	Octan	+	-	-	-	+	o	+	/	+	+	+	-	+	+	+	o	-
Oleic acid	Ölsäure	+	-	-	-	/	o	+	o	+	+	+	+	+	+	/	+	/
Oleum (fuming sulphuric acid)	Oleum (rauchende Schwefelsäure)	+	-	o	o	+	o	+	o	+	+	+	-	o	o	o	o	o
Oleum spirit	Oleumspiritus	+	-	-	-	+	o	+	/	-	-	-	-	-	-	-	-	-
Olive oil	Olivenöl	+	+	+	+	+	o	+	+	-	-	-	+	-	-	-	-	/
Orange juice	Apfelsinensaft	+	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-
Ortho-chloroethyl benzene	Ortho-Chlorethylbenzol	+	-	-	-	+	o	+	o	-	-	-	-	-	-	-	-	-
Oxalic acid	Oxalsäure	+	o	/	+	+	+	+	/	+	+	+	+	+	+	/	+	+
Oxygen (gaseous, 100-200°C)	Sauerstoff (gasförmig, 100-200°C)	+	+	+	+	/	o	+	o	-	-	-	-	-	-	-	-	/
Oxygen (gaseous, cold)	Sauerstoff (gasförmig, kalt)	+	+	+	+	+	+	+	/	-	-	-	+	-	-	-	-	+
Ozone	Ozon	+	+	/	+	+	+	+	o	+	+	+	+	+	+	+	+	o
Palmitic acid	Palmitinsäure	+	-	-	-	+	o	+	+	+	+	+	-	+	+	/	+	o
Paraffin	Paraffin	+	+	+	+	+	o	+	+	+	+	+	+	+	+	+	+	/
Peanut oil	Erdnußöl	+	+	+	+	+	o	+	+	-	-	-	+	-	-	-	-	/
Pentane (n-pentane)	Pentan (N-Pentan)	+	+	+	+	+	o	+	+	-	-	-	-	-	-	-	-	-
Peracetic acid – aqueous (6%)	Peressigsäure – wässrig (6 %)	-	+	-	-	-	+	+	o	+	-	-	-	-	-	-	o	-
Perchloric acid	Perchlorsäure	-	-	-	-	-	-	-	-	/	/	/	-	/	+	/	o	+
Pesticides (creosote)	Pflanzenschutzmittel (Karbolineum)	+	+	-	-	-	/	+	/	+	-	-	-	-	-	o	+	-
Petrol, leaded	Benzin, verbleit	+	-	-	-	+	-	-	-	+	+	+	+	+	+	o	+	-
Petrol, super	Benzin, Super	+	+	+	+	+	o	+	+	-	-	-	-	-	-	-	-	-
Petrol, unleaded	Benzin, unverbleit	+	-	-	-	+	-	-	-	/	+	+	+	+	+	/	/	-
Petrol-benzene-alcohol – (super fuel methanol mixture)	Benzin-Benzol-Spiritus – (Superkraftstoff-Methanol-Gemisch)	+	+	-	-	-	o	+	o	+	-	-	+	-	-	o	/	-
Petroleum benzene, petroleum ether	Petroleumbenzin, Petrolether	+	+	-	-	-	o	+	+	+	-	-	+	-	+	/	+	-
Phenol – aqueous (saturated)	Phenol – wässrig (gesättigt)	+	+	-	-	-	/	+	/	+	-	-	/	-	/	+	o	-
Phenyl benzene	Phenylbenzol	+	-	-	-	+	o	+	o	-	-	-	-	-	-	-	-	-
Phenyl ethyl ether	Phenylethylether	-	-	-	-	o	o	+	o	-	-	-	-	-	-	-	-	-
Phenylhydrazine	Phenylhydrazin	-	-	-	-	+	o	+	o	-	-	-	-	-	-	-	-	/
Phosgene (gaseous)	Phosgen (gasförmig)	-	+	-	-	-	o	+	-	+	-	-	-	-	+	o	/	-
Phosgene (liquid)	Phosgen (flüssig)	-	+	-	-	-	o	+	-	+	-	-	-	-	-	/	/	-
Phosphoric acid	Phosphorsäure	/	o	o	+	+	o	+	o	+	+	+	-	+	+	+	o	+
Phosphoric acid (max. 6%/85°C)	Phosphorsäure (max. 6%/85°C)	+	+	+	+	+	+	-	+	+	+	-	+	+	+	+	o	+
Phosphorus chlorides	Phosphorchloride	-	/	-	-	-	o	+	o	+	-	-	+	-	+	+	o	-
Phosphorus trichloride	Phosphortrichlorid	-	-	-	-	+	+	+	o	+	+	+	-	+	+	/	/	-
Photo – emulsions, developers, fixing baths	Foto – Emulsionen, Entwickler, Fixierbäder	-	-	-	-	-	/	+	/	+	-	-	-	-	+	+	-	-
Picric acid	Pikrinsäure	-	+	-	-	+	/	+	o	+	+	+	+	/	+	+	o	+
Pine needle oil	Fichtennadelöl	+	+	+	+	-	o	+	/	+	-	-	-	-	-	+	-	-
Pine oil	Pinienöl, Kiefernöl	+	+	+	+	+	o	+	+	-	-	-	-	-	-	-	-	-
Pine oil (pine needle oil)	Kiefernadelöl (Fichtennadelöl)	+	+	+	+	-	o	+	/	+	-	-	-	-	-	+	-	-
Pineapple juice	Ananassaft	+	+	+	+	-	-	-	-	+	+	+	-	+	+	+	+	+
Pinene	Pinen	-	-	-	-	+	o	+	/	-	-	-	-	-	-	-	-	-
Piperidine	Piperidin	-	-	-	-	o	o	+	o	-	-	-	-	-	-	-	-	-
Polyvinyl acetate emulsion	Polyvinylacetat-Emulsion	-	-	-	-	-	+	+	-	-	-	-	-	-	-	-	-	-
Potash (potassium carbonate) – aqueous	Pottasche (Kaliumcarbonat) – wässrig	-	+	-	-	-	+	+	+	+	-	-	+	-	o	+	/	-
Potassium acetate (acetic potash)	Kaliumacetat (essigsures Kali)	-	+	+	+	o	+	+	/	-	-	-	-	-	-	-	-	-
Potassium acetate, aqueous	Kaliumacetat, wässrig	-	+	+	+	o	+	+	o	+	+	+	-	+	+	+	/	-
Potassium aluminum sulfate (alum) – aqueous	Kalium-Aluminiumsulfat (Alaun) – wässrig	-	+	-	-	-	+	+	+	+	-	-	+	-	+	+	+	-
Potassium bromate – aqueous	Kaliumbromat – wässrig	-	+	-	-	-	+	+	+	+	-	-	-	-	+	+	-	-
Potassium bromide – aqueous	Kaliumbromid – wässrig	-	/	-	-	-	+	+	+	+	-	-	+	-	+	+	o	-
Potassium carbonate (potash) – aqueous	Kaliumcarbonat (Pottasche) – wässrig	-	+	-	-	-	+	+	+	+	-	-	+	-	o	+	/	-
Potassium chlorate – aqueous	Kaliumchlorat – wässrig	-	/	-	-	-	/	+	/	+	-	-	+	-	/	+	/	-
Potassium chloride, aqueous	Kaliumchlorid, wässrig	+	/	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Potassium chromate – aqueous	Kaliumchromat – wässrig	-	/	-	-	-	+	+	/	+	-	-	-	-	+	+	o	-

Substance (EN)

Substanz (DE)

- + resistant
- / partially resistant
- o not resistant
- no information

- + sehr gut beständig
- / bedingt beständig
- o nicht beständig
- keine Information

Substance (EN)	Substanz (DE)	Sapphireceramic®	1.4571/1.4435/316 Ti/316 L	Hastelloy C	Tantal	FKM(z. B. Viton)	EPDM	FFKM	NBR	PTFE	PFA	FEP	PEEK	ECTFE	PVDF	PP	PA	PE
Potassium copper cyanide	Kaliumkupfercyanid	-	-	-	-	+	+	+	+	-	-	-	-	-	-	-	-	-
Potassium cyanide - aqueous	Cyankali (Kaliumcyanid) - wässrig	+	+	-	-	-	+	+	+	+	-	-	+	-	+	+	+	-
Potassium cyanide, aqueous	Kaliumcyanid, wässrig	+	+	/	+	+	+	+	+	-	-	-	-	-	-	-	-	+
Potassium dichromate	Kaliumdichromat	-	+	/	+	+	+	+	+	+	+	+	+	+	+	+	/	-
Potassium ferricyanide	Ferricyankalium (Kaliumferricyanid)	-	+	-	-	-	+	+	+	+	-	-	+	-	+	+	+	-
Potassium hydrogen fluoride – aqueous	Kaliumhydrogenfluorid – wässrig	-	+	-	-	-	+	-	+	+	-	-	-	-	-	+	o	-
Potassium hydroxide (caustic potash) – aqueous	Kaliumhydroxid (Kalilauge) – wässrig	+	+	-	-	-	+	+	o	+	-	-	+	-	o	+	/	-
Potassium hypochlorite – aqueous	Kaliumhypochlorit – wässrig	+	/	-	-	-	+	+	o	+	-	-	+	-	+	/	o	-
Potassium iodide – aqueous	Kaliumjodid – wässrig	-	/	-	-	-	+	+	+	+	-	-	-	-	+	+	-	-
Potassium nitrate	Kaliumnitrat	+	/	/	+	+	+	+	+	+	+	+	+	+	+	+	/	+
Potassium nitrite – aqueous	Kaliumnitrit – wässrig	-	+	-	-	-	+	+	+	+	-	-	+	-	+	+	+	-
Potassium perchlorate, aqueous	Kaliumperchlorat, wässrig	+	+	+	/	+	+	+	o	+	+	+	-	+	+	+	+	+
Potassium permanganate – aqueous	Kaliumpermanganat – wässrig	+	+	-	-	-	o	+	o	+	-	-	+	-	+	/	o	-
Potassium peroxide – aqueous	Kaliumperoxid – wässrig	-	+	-	-	-	o	+	o	+	-	-	+	-	-	/	o	-
Potassium persulfate – aqueous	Kaliumpersulfat – wässrig	-	+	-	-	-	+	+	o	+	-	-	+	-	/	+	o	-
Potassium phosphates – aqueous	Kaliumphosphate – wässrig	-	+	-	-	-	+	+	+	+	-	-	+	-	+	+	/	-
Potassium salts	Kaliumsalze	-	-	-	-	+	+	+	+	-	-	-	-	-	-	-	-	-
Potassium sulphate	Kaliumsulfat	+	+	/	+	+	+	+	+	-	-	-	/	-	-	-	-	+
Potassium sulphide – aqueous	Kaliumsulfid – wässrig	-	+	-	-	-	+	+	+	+	-	-	+	-	/	+	/	-
Potassium sulphite	Kaliumsulfit	-	+	/	+	+	+	+	+	-	-	-	-	-	-	-	-	+
Processed cheese, 60% fat	Schmelzkäse, 60% Fett i.Tr.	+	+	+	+	+	+	+	+	-	-	-	-	-	-	-	-	+
Propane	Propan	+	+	+	+	+	o	+	+	+	+	+	+	+	+	o	/	+
Propanol (propyl alcohol )	Propanol (Propylalkohol)	+	+	+	+	+	+	+	+	+	+	+	-	+	+	+	/	+
Propionitrile	Propionitril	-	-	-	-	+	o	+	+	-	-	-	-	-	-	-	-	-
Propyl acetate	Propylacetat	-	-	-	-	o	/	+	o	-	-	-	-	-	-	-	-	-
Propyl nitrate	Propylnitrat	-	-	-	-	o	/	+	o	-	-	-	-	-	-	-	-	-
Propylene	Propylen	+	+	+	-	+	o	+	o	-	-	-	+	-	-	-	-	-
Propylene glycol	Propylenglykol	+	+	-	-	-	+	+	+	+	-	-	+	-	+	+	/	-
Propylene oxide	Propylenoxid	-	+	+	+	o	o	o	o	+	+	+	-	/	/	+	+	-
Protein solutions	Eiweißlösungen	+	+	-	-	-	+	-	+	+	-	-	-	-	-	+	+	-
Pydraul-A 150	Pydraul-A 150	-	+	-	-	-	/	-	o	+	-	-	-	-	-	-	+	-
Pydraul-A 200	Pydraul-A 200	-	+	-	-	-	/	-	o	+	-	-	-	-	-	-	+	-
Pydraul-AG	Pydraul-AG	-	+	-	-	-	+	-	o	+	-	-	-	-	-	-	+	-
Pydraul-F-9	Pydraul-F-9	-	+	-	-	-	+	-	o	+	-	-	-	-	-	-	o	-
Pyranol	Pyranol	+	+	+	+	+	o	+	+	-	-	-	-	-	-	-	-	-
Pyridine	Pyridin	+	+	+	+	o	/	+	o	+	+	+	+	/	o	+	o	/
Pyroigneous acid	Holzessig	-	-	-	-	o	/	+	o	-	-	-	-	-	-	-	-	-
Pyrrole	Pyrrrol	-	-	-	-	o	o	+	o	-	-	-	-	-	-	-	-	-
Rapeseed oil	Rapsöl	+	+	+	+	-	o	+	/	+	-	-	+	-	+	/	+	-
Raspberry essence	Himbeer-Essenz	+	+	+	+	+	+	+	o	-	-	-	-	-	-	-	-	-
Resorcinol (50%)	Resorcin (50%)	-	-	-	-	-	-	-	-	+	+	+	-	+	+	+	o	-
Saccharin (sweetener)	Saccharin (Süßstoff)	+	+	+	+	-	+	-	+	+	-	-	-	-	-	+	-	-
Salicylic acid	Salicylsäure	-	-	-	-	+	+	+	/	+	+	+	-	+	+	+	+	-
Saline solution	Kochsalzlösung	+	/	+	+	+	+	+	+	+	+	+	-	+	+	+	+	+
Salt water	Salzwasser	+	/	/	+	-	+	+	+	-	-	-	+	-	-	-	-	+
Silicate ester	Silicater	-	-	-	-	+	o	+	/	-	-	-	-	-	-	-	-	-
Silicone grease	Silikonfette	+	+	+	+	+	+	+	+	-	-	-	+	-	-	-	-	+
Silicone oil	Silikonöle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-
Silver nitrate	Silbernitrat	-	+	-	+	+	+	+	o	+	+	+	+	+	+	+	/	-
Skydrol 500	Skydrol 500	-	+	-	-	-	+	+	o	+	-	-	+	-	-	-	/	-
Skydrol 7000	Skydrol 7000	-	+	-	-	-	+	+	o	+	-	-	-	-	-	-	/	-
Soap solution – aqueous	Seifenlösung – wässrig	+	+	-	-	-	/	+	/	+	-	-	-	-	+	/	/	-
Soda (sodium carbonate)	Soda (Natriumcarbonat)	+	+	-	-	-	+	+	+	+	-	-	+	-	/	+	+	-
Sodium acetate, aqueous	Natriumacetat, wässrig	-	+	/	+	o	+	+	o	+	+	+	+	+	+	+	/	+
Sodium arsenate and sodium arsenite	Natriumarsenate und Natriumarsenite	-	+	-	-	-	+	+	+	+	-	-	-	-	-	+	-	-
Sodium benzoate - aqueous	Natriumbenzoat – wässrig	-	+	-	-	-	+	+	+	+	-	-	-	-	+	+	+	-

Substance (EN)

Substanz (DE)

- + resistant
- / partially resistant
- o not resistant
- no information

- + sehr gut beständig
- / bedingt beständig
- o nicht beständig
- keine Information

Substance (EN)	Substanz (DE)	Sapphireceramic®	1.4571/1.4435/316 Ti/316 L	Hastelloy C	Tantal	FKM(z. B. Viton)	EPDM	FFKM	NBR	PTFE	PFA	FEP	PEEK	ECTFE	PVDF	PP	PA	PE
Sodium bicarbonate – aqueous	Natriumhydrogencarbonat – wässrig	-	+	-	-	-	+	+	+	+	-	-	+	-	+	+	+	-
Sodium bicarbonate (natron)	Natriumbicarbonat (Natron)	+	+	/	+	+	+	+	+	+	+	+	+	+	+	+	/	+
Sodium bisulfate – aqueous	Natriumbisulfat – wässrig	+	/	-	-	-	+	+	+	+	-	-	-	-	+	+	+	-
Sodium bisulphite, aqueous	Natriumbisulfit, wässrig	+	/	/	+	+	+	+	+	+	+	+	-	+	+	+	/	+
Sodium borate, aqueous (borax)	Natriumborat, wässrig (Borax)	-	/	+	/	+	+	+	+	-	-	-	-	-	-	-	-	-
Sodium bromate – aqueous	Natriumbromat – wässrig	-	+	-	-	-	+	+	+	+	-	-	•	-	+	+	/	-
Sodium bromide – aqueous	Natriumbromid – wässrig	-	/	-	-	-	+	+	+	+	-	-	+	-	+	+	o	-
Sodium carbonate, aqueous (soda)	Natriumcarbonat, wässrig (Soda)	+	+	+	/	+	+	+	+	+	+	+	+	+	+	+	/	+
Sodium chlorate – aqueous	Natriumchlorat – wässrig	+	/	-	-	-	/	+	/	+	-	-	+	-	+	+	/	-
Sodium chloride (common salt) – aqueous	Natriumchlorid (Kochsalz) – wässrig	+	/	-	-	-	+	+	+	+	-	-	+	-	+	+	+	-
Sodium chlorite – aqueous	Natriumchlorit – wässrig	+	/	-	-	-	/	+	o	+	-	-	-	-	+	/	o	-
Sodium chloroacetate	Natriumchloroacetate	-	+	-	-	-	+	+	+	+	-	-	-	-	-	+	-	-
Sodium chromate – aqueous	Natriumchromat – wässrig	-	/	-	-	-	+	+	/	+	-	-	/	-	+	+	o	-
Sodium cyanide, aqueous	Natriumcyanid, wässrig	-	-	-	/	+	+	+	+	+	+	+	-	+	+	+	+	-
Sodium dodecyl benzene sulfonate – aqueous	Natriumdodecylbenzolsulfonat – wässrig	-	+	-	-	-	+	-	+	+	-	-	-	-	-	/	+	-
Sodium fluoride – aqueous	Natriumfluorid – wässrig	-	+	-	-	-	+	+	+	+	-	-	-	-	+	+	+	-
Sodium glutamate – aqueous	Natriumglutamat – wässrig	-	+	-	-	-	+	+	+	+	-	-	-	-	-	+	-	-
Sodium hydroxide – aqueous	Natriumhydroxid – wässrig	+	+	-	-	-	+	+	o	+	-	-	+	-	o	+	+	-
Sodium hypochlorite (bleach) (max. 10%/85°C)	Chlorbleichlaug (max.10%/85°C)	+	/	o	+	+	/	+	/	-	-	-	-	-	-	-	-	o
Sodium hypochlorite (chlorine bleach) – aqueous	Natriumhypochlorit (Chlorbleichlaug) – wässrig	+	/	-	-	-	+	+	o	+	-	-	+	-	/	/	o	-
Sodium iodide – aqueous	Natriumjodid – wässrig	-	/	-	-	-	+	+	+	+	-	-	-	-	+	+	-	-
Sodium mercaptobenzothiazole	Natriummercaptopbenzthiazol	-	+	-	-	-	/	+	/	+	-	-	-	-	-	+	-	-
Sodium metaphosphate (calgon)	Natriummetaphosphat (Calgon)	-	-	-	-	-	+	+	+	+	-	-	-	-	-	-	-	-
Sodium metasilicate	Natriummetasilikat	-	-	-	-	-	+	+	+	+	-	-	-	-	-	-	-	-
Sodium nitrate	Natriumnitrat (Natronsalpeter)	+	+	+	+	-	+	+	/	+	+	+	+	+	+	+	/	+
Sodium nitrite – aqueous	Natriumnitrit – wässrig	+	+	-	-	-	+	+	+	+	-	-	+	-	+	+	+	-
Sodium pentachlorophenol	Natriumpentachlorphenolat	-	+	-	-	-	+	-	+	+	-	-	-	-	-	+	+	-
Sodium perborate, aqueous	Natriumperborat, wässrig	-	+	-	-	-	+	+	+	o	+	+	+	-	+	+	+	/
Sodium peroxide	Natriumperoxid	+	+	-	-	-	+	+	+	/	+	+	+	+	+	+	/	+
Sodium persulfate – aqueous	Natriumpersulfat – wässrig	-	+	-	-	-	+	+	/	+	-	-	-	-	+	+	o	-
Sodium phosphate	Natriumphosphat	-	+	/	+	+	+	+	+	+	+	+	-	+	+	+	/	-
Sodium propionate – aqueous	Natriumpropionat – wässrig	-	+	-	-	-	+	-	+	+	-	-	-	-	+	+	+	-
Sodium pyrosulfite – aqueous	Natriumpyrosulfit – wässrig	-	+	-	-	-	+	-	/	+	-	-	-	-	-	+	+	-
Sodium salt	Natriumsalze	+	-	-	-	-	+	+	+	+	-	-	+	-	-	-	-	+
Sodium silicate (water glass)	Natriumsilikat (Wasserglas)	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	/	+
Sodium stannate – aqueous	Natriumstannat – wässrig	-	+	-	-	-	+	+	+	+	-	-	-	-	-	+	/	-
Sodium sulphate, aqueous	Natriumsulfat, wässrig	+	+	/	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sodium sulphide, aqueous	Natriumsulfid, wässrig	+	/	/	/	+	+	+	+	-	-	-	+	-	-	-	-	+
Sodium sulphite	Natriumsulfit	+	+	+	+	+	+	+	+	-	-	-	+	-	-	-	-	+
Sodium tartrate – aqueous	Natriumtartrat – wässrig	-	+	-	-	-	+	+	+	+	-	-	-	-	-	+	+	-
Sodium thiosulfate – aqueous	Natriumthiosulfat – wässrig	+	/	-	-	-	+	+	+	+	-	-	-	-	+	+	+	-
Sodium zincate – aqueous	Natriumzinkat – wässrig	-	+	-	-	-	+	-	/	+	-	-	-	-	-	-	-	-
Soybean oil	Sojaöl	+	+	+	+	+	o	+	+	-	-	-	+	-	-	-	-	-
Spindle oil	Spindelöl	+	+	+	+	-	o	+	+	+	-	-	+	-	+	+	+	-
Spirits – (dependent on ingredients and flavorings)	Spirituosen – (abhängig von Inhalts- und Aromastoffen)	+	+	+	+	-	/	-	/	+	-	-	+	-	+	+	-	-
Spirits of turpentine	Terpentinöl	+	+	+	+	+	o	+	+	-	-	-	+	-	-	-	-	/
Stannoethylmorpholine	Stannoethylmorpholin	-	-	-	-	o	/	+	o	-	-	-	-	-	-	-	-	-
Starch solution – aqueous	StärkeLösung – wässrig	+	+	-	-	-	+	+	+	+	-	-	+	-	+	+	+	-
Steam (exceeding 150°C)	Wasserdampf (über 150°C)	+	+	/	-	o	/	+	o	-	-	-	-	-	-	-	-	-
Steam (up to 150°C)	Wasserdampf (bis 150°C)	+	+	+	-	o	+	+	o	-	-	-	-	-	-	-	-	o
Stearic acid	Stearinsäure	+	+	-	-	+	/	+	/	+	+	+	-	+	+	+	+	/
Styrene	Styrol	+	+	+	+	o	o	+	o	+	+	+	+	+	+	/	+	/
Succinic acid – aqueous	Bernsteinsäure – wässrig	-	+	-	-	-	+	+	+	+	-	-	-	-	+	+	-	-
Sugar beet juice	Zuckerrübensaft	+	+	+	+	+	+	+	+	+	+	+	+	-	+	-	-	-
Sugar cane solution	ZuckerrohrLösung	+	+	+	+	+	+	+	+	+	+	+	-	-	+	-	-	-
Sugar solutions	Zuckerlösungen	+	+	-	-	-	+	-	+	+	-	-	+	-	+	+	+	-

Substance (EN)	Substanz (DE)	Sapphireceramic®	1.4571/1.4435/316 Ti/316 L	Hastelloy C	Tantal	FKM(z. B. Viton)	EPDM	FFKM	NBR	PTFE	PFA	FEP	PEEK	ECTFE	PVDF	PP	PA	PE
Sodium bicarbonate – aqueous	Natriumhydrogencarbonat – wässrig	-	+	-	-	-	+	+	+	+	-	-	+	-	+	+	+	-
Sodium bicarbonate (natron)	Natriumbicarbonat (Natron)	+	+	/	+	+	+	+	+	+	+	+	+	+	+	+	/	+
Sodium bisulfate – aqueous	Natriumbisulfat – wässrig	+	/	-	-	-	+	+	+	+	-	-	-	-	+	+	+	-
Sodium bisulphite, aqueous	Natriumbisulfit, wässrig	+	/	/	+	+	+	+	+	+	+	+	-	+	+	+	/	+
Sodium borate, aqueous (borax)	Natriumborat, wässrig (Borax)	-	/	+	/	+	+	+	+	-	-	-	-	-	-	-	-	-
Sodium bromate – aqueous	Natriumbromat – wässrig	-	+	-	-	-	+	+	+	+	-	-	•	-	+	+	/	-
Sodium bromide – aqueous	Natriumbromid – wässrig	-	/	-	-	-	+	+	+	+	-	-	+	-	+	+	o	-
Sodium carbonate, aqueous (soda)	Natriumcarbonat, wässrig (Soda)	+	+	+	/	+	+	+	+	+	+	+	+	+	+	+	/	+
Sodium chlorate – aqueous	Natriumchlorat – wässrig	+	/	-	-	-	/	+	/	+	-	-	+	-	+	+	/	-
Sodium chloride (common salt) – aqueous	Natriumchlorid (Kochsalz) – wässrig	+	/	-	-	-	+	+	+	+	-	-	+	-	+	+	+	-
Sodium chlorite – aqueous	Natriumchlorit – wässrig	+	/	-	-	-	/	+	o	+	-	-	-	-	+	/	o	-
Sodium chloroacetate	Natriumchloroacetate	-	+	-	-	-	+	+	+	+	-	-	-	-	-	+	-	-
Sodium chromate – aqueous	Natriumchromat – wässrig	-	/	-	-	-	+	+	/	+	-	-	/	-	+	+	o	-
Sodium cyanide, aqueous	Natriumcyanid, wässrig	-	-	-	/	+	+	+	+	+	+	+	-	+	+	+	+	-
Sodium dodecyl benzene sulfonate – aqueous	Natriumdodecylbenzolsulfonat – wässrig	-	+	-	-	-	+	-	+	+	-	-	-	-	-	/	+	-
Sodium fluoride – aqueous	Natriumfluorid – wässrig	-	+	-	-	-	+	+	+	+	-	-	-	-	+	+	+	-
Sodium glutamate – aqueous	Natriumglutamat – wässrig	-	+	-	-	-	+	+	+	+	-	-	-	-	-	+	-	-
Sodium hydroxide – aqueous	Natriumhydroxid – wässrig	+	+	-	-	-	+	+	o	+	-	-	+	-	o	+	+	-
Sodium hypochlorite (bleach) (max. 10%/85°C)	Chlorbleichlaug (max.10%/85°C)	+	/	o	+	+	/	+	/	-	-	-	-	-	-	-	-	o
Sodium hypochlorite (chlorine bleach) – aqueous	Natriumhypochlorit (Chlorbleichlaug) – wässrig	+	/	-	-	-	+	+	o	+	-	-	+	-	/	/	o	-
Sodium iodide – aqueous	Natriumjodid – wässrig	-	/	-	-	-	+	+	+	+	-	-	-	-	+	+	-	-
Sodium mercaptobenzothiazole	Natriummercaptopbenzthiazol	-	+	-	-	-	/	+	/	+	-	-	-	-	-	+	-	-
Sodium metaphosphate (calgon)	Natriummetaphosphat (Calgon)	-	-	-	-	-	+	+	+	+	-	-	-	-	-	-	-	-
Sodium metasilicate	Natriummetasilikat	-	-	-	-	-	+	+	+	+	-	-	-	-	-	-	-	-
Sodium nitrate	Natriumnitrat (Natronsalpeter)	+	+	+	+	-	+	+	/	+	+	+	+	+	+	+	/	+
Sodium nitrite – aqueous	Natriumnitrit – wässrig	+	+	-	-	-	+	+	+	+	-	-	+	-	+	+	+	-
Sodium pentachlorophenol	Natriumpentachlorphenolat	-	+	-	-	-	+	-	+	+	-	-	-	-	-	+	+	-
Sodium perborate, aqueous	Natriumperborat, wässrig	-	+	-	-	-	+	+	+	o	+	+	+	-	+	+	+	/
Sodium peroxide	Natriumperoxid	+	+	-	-	-	+	+	+	/	+	+	+	+	+	+	/	+
Sodium persulfate – aqueous	Natriumpersulfat – wässrig	-	+	-	-	-	+	+	/	+	-	-	-	-	+	+	o	-
Sodium phosphate	Natriumphosphat	-	+	/	+	+	+	+	+	+	+	+	-	+	+	+	/	-
Sodium propionate – aqueous	Natriumpropionat – wässrig	-	+	-	-	-	+	-	+	+	-	-	-	-	+	+	+	-
Sodium pyrosulfite – aqueous	Natriumpyrosulfit – wässrig	-	+	-	-	-	+	-	/	+	-	-	-	-	-	+	+	-
Sodium salt	Natriumsalze	+	-	-	-	-	+	+	+	+	-	-	+	-	-	-	-	+
Sodium silicate (water glass)	Natriumsilikat (Wasserglas)	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	/	+
Sodium stannate – aqueous	Natriumstannat – wässrig	-	+	-	-	-	+	+	+	+	-	-	-	-	-	+	/	-
Sodium sulphate, aqueous	Natriumsulfat, wässrig	+	+	/	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sodium sulphide, aqueous	Natriumsulfid, wässrig	+	/	/	/	+	+	+	+	-	-	-	+	-	-	-	-	+
Sodium sulphite	Natriumsulfit	+	+	+	+	+	+	+	+	-	-	-	+	-	-	-	-	+
Sodium tartrate – aqueous	Natriumtartrat – wässrig	-	+	-	-	-	+	+	+	+	-	-	-	-	-	+	+	-
Sodium thiosulfate – aqueous	Natriumthiosulfat – wässrig	+	/	-	-	-	+	+	+	+	-	-	-	-	+	+	+	-
Sodium zincate – aqueous	Natriumzinkat – wässrig	-	+	-	-	-	+	-	/	+	-	-	-	-	-	-	-	-
Soybean oil	Sojaöl	+	+	+	+	+	o	+	+	-	-	-	+	-	-	-	-	-
Spindle oil	Spindelöl	+	+	+	+	-	o	+	+	+	-	-	+	-	+	+	+	-
Spirits – (dependent on ingredients and flavorings)	Spirituosen – (abhängig von Inhalts- und Aromastoffen)	+	+	+	+	-	/											



Substance (EN)

Substanz (DE)

- + resistant
- / partially resistant
- o not resistant
- no information

- + sehr gut beständig
- / bedingt beständig
- o nicht beständig
- keine Information

Substance (EN)	Substanz (DE)	Sapphireceramic®	1.4571/1.4435/316 Ti/316 L	Hastelloy C	Tantal	FKM(z. B. Viton)	EPDM	FFKM	NBR	PTFE	PFA	FEP	PEEK	ECTFE	PVDF	PP	PA	PE
Urine	Urin	+	+	+	+	+	+	+	+	+	+	+	-	+	+	+	+	+
UV paint	UV-Lack	-	-	-	-	-	+	-	o	+	-	-	-	-	-	-	-	-
Varnishes	Firnisse	-	+	-	-	-	o	+	/	+	-	-	-	-	-	o	+	-
Vaseline	Vaseline	+	+	+	+	+	o	+	+	+	+	+	+	+	+	+	+	o
Vaseline oil	Vaselinöl	+	+	+	+	-	o	+	+	+	-	-	+	-	+	+	+	-
Vegetable oils	Pflanzliche Öle	+	+	+	+	+	o	+	+	-	-	-	+	-	-	-	-	/
Vinegar	Essig	+	+	+	+	o	+	+	o	+	+	+	+	+	+	+	/	+
Vinyl acetate	Vinylacetat	-	-	-	-	-	-	-	-	+	+	+	-	/	+	o	o	-
Vinyl acetylene	Vinylacetylen	-	-	-	-	+	+	+	+	-	-	-	-	-	-	-	-	-
Vinyl chloride	Vinylchlorid	-	-	-	-	-	-	-	-	+	+	+	/	/	+	o	o	-
Waste water	Abwasser	+	+	+	+	+	+	+	+	+	+	+	+	-	+	-	-	-
Water	Wasser	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Water glass (sodium silicate)	Wasserglas (Natriumsilikat)	+	+	+	+	+	+	+	+	+	+	+	-	+	+	+	/	+
Water, demineralised	Wasser, entmineralisiert	+	-	-	-	+	+	+	-	+	+	+	-	+	+	+	+	-
Water, heavy	Wasser (schwer)	+	+	+	-	/	+	+	+	+	-	-	-	-	-	-	-	+
Whisky	Whisky	+	+	+	+	+	+	+	+	-	-	-	-	-	-	-	-	+
White spirit	Terpentinersatz	+	+	-	-	-	o	+	/	+	-	-	+	-	+	/	+	-
White spirit, petroleum spirit	Terpentinersatz, Testbenzin	+	-	-	-	-	-	-	-	+	+	+	-	+	+	/	+	-
Wine (white wine, red wine)	Wein (Weißwein, Rotwein)	+	+	+	+	+	+	+	+	-	-	-	+	-	-	-	-	+
Wine vinegar (acetic acid)	Weinessig (Essigsäure)	+	/	-	-	-	/	/	o	+	-	-	+	-	+	/	/	-
Wood tar, wood oil (impregnating oil)	Holztee, Holzöl (Imprägnieröle)	-	+	-	-	-	o	+	o	+	-	-	-	-	-	o	-	-
Xenon	Xenon	+	+	+	+	+	+	+	+	-	-	-	-	-	-	-	-	-
Xylol	Xylol	+	+	+	+	+	o	+	o	+	+	+	+	+	+	/	+	o
Yeast, aqueous	Hefe, wässrig	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Zeolite	Zeolit	-	-	-	-	+	+	+	+	-	-	-	-	-	-	-	-	-
Zinc acetate	Zinkacetat	-	-	-	-	o	+	+	/	-	-	-	-	-	-	-	-	-
Zinc chloride	Zinkchlorid	+	/	/	+	+	+	+	+	+	+	+	o	+	+	+	+	-
Zinc salt	Zinksalze	-	-	-	-	+	+	+	+	-	-	-	-	-	-	-	-	+
Zinc sulphate	Zinksulfat	-	+	-	-	+	+	+	+	-	-	-	+	-	-	-	-	-