



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	-
Carbolinum (creosote; pesticides)	Carbolinum (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%)	Kallilauge (50%)	/	/	/	o	o	+	+	/	-	-	-	-	-	-	-	-	/
Caustic potash (max. 10%/85°C)	Kallilauge (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
Dibenzylsebacat	Dibenzylsebacat
Dibromdifluormethane	Dibromdifluormethan
Dibromethylbenzene	Dibromethylbenzol
Dibutyl ether	Dibutylether
Dibutyl phthalate (palatinol C)	Dibutylphthalat (Palatinol C)
Dibutyl sebacate	Dibutylsebacat
Dibutylamine	Dibutylamin
Dichlordiisopropylether	Dichlorisopropylether
Dichlorobenzene	Dichlorbenzol
Dichlorobutane	Dichlorbutan (Tetramethylenchlorid)
Dichloroethylene	Dichlorethylen
Dichloromethane (methylene chloride)	Dichlormethan (Methylenchlorid)
Dicyclohexylamine	Dicyclohexylamin
Dicyclohexylammonium nitrite	Dicyclohexylammoniumnitrit
Diesel fuel	Diesekraftstoff
Diesel oil	Dieselöl
Diethyl ether (ether)	Diethylether (Ether)
Diethyl sebacate	Diethylsebacat
Diethylamine	Diethylamin
Diethylenglycol	Diethylenglykol
Difluoro-dibromomethane	Difluordibrommethan
Diisobutyl ketone	Diisobutylketon
Diisobutylene	Diisobutylen
Diisooctyl sebacate	Diisooctylsebacat
Diisopropyl ketone	Diisopropylketon
Dimethyl formamide (DMF)	Dimethylformamid (DMF)
Dimethyl hydrazine	Dimethylhydrazin
Dimethyl phthalate	Dimethylphthalat
Dimethyl sulfoxide (DMSO)	Dimethylsulfoxid (DMSO)
Dimethylamine	Dimethylamin
Dimethylether (methyl ether)	Dimethylether (Methylether)
Dinitrogen monoxide (laughing gas, nitrous oxide)	Distickstoffmonoxyd (Lachgas, Stickoxydul)
Dinitrotoluol	Dinitrotoluol
Diocetyl phthalate (DOP)	Diocetylphthalat (DOP)
Diocetyl sebacate (DOS)	Diocetylsebacat (DOS)
Dioxane	Dioxan
Dioxolane	Dioxolan
Diphenyl	Diphenyl
Diphenyl ether	Diphenylether
Dissousgas (acetylene + acetone)	Dissousgas (Acetylen + Aceton)
Dodecyl alcohol	Dodecylalkohol
Drilling fluids (cutting oils)	Bohröle (Schneidöle)
Dyeing wetting agents (nekal BX)	Färbereinetzmittel (Nekal BX)
Edible oil	Speiseöl
Epichlorohydrin	Epichlorhydrin
Epoxide resin	Epoxidharze
Ethane	Ethan
Ethanol (ethyl alcohol)	Ethanol (Ethylalkohol)
Ethanolamine (colamine)	Ethanolamin (Colamin)
Ether	Äther
Ether (Diethyl ether)	Ether (Diethylether)
Ethereal oils	Ätherische Öle
Ethyl acetate	Ethylacetat

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
-	+	-	-	-	+	+	+	+	-	-	-	-	+	+	+	-
-	+	-	-	-	+	+	+	+	-	-	+	-	-	+	+	-
-	+	-	-	-	+	+	o	+	-	-	-	-	-	-	/	-
-	-	-	-	/	/	+	o	-	-	-	-	-	-	-	-	-
-	-	-	-	+	o	+	o	-	-	-	-	-	-	-	-	-
-	-	-	-	o	o	+	o	-	-	-	-	-	-	-	-	o
-	+	+	+	o	/	+	o	-	-	-	-	-	-	-	-	/
-	-	-	-	/	/	+	o	-	-	-	-	-	-	-	-	+
-	-	-	-	o	o	/	o	-	-	-	-	-	-	-	-	-
+	-	-	-	o	o	+	o	-	-	-	-	-	-	-	-	-
+	-	-	-	+	o	+	o	+	+	+	/	+	+	/	+	/
+	-	-	-	+	o	+	/	-	-	-	-	-	-	-	-	-
+	+	-	-	-	o	+	o	+	-	-	+	-	+	o	+	-
+	+	-	-	-	o	+	o	+	-	-	/	-	o	o	o	-
-	-	-	-	o	o	-	o	-	-	-	-	-	-	-	-	-
-	+	-	-	-	+	+	+	+	-	-	-	-	-	-	-	-
+	+	+	+	+	o	+	+	+	+	+	-	+	+	+	+	/
+	+	-	-	-	o	+	/	+	-	-	+	-	+	/	+	-
-	+	-	-	-	o	+	o	+	-	-	+	-	+	o	+	-
-	-	-	-	o	o	+	o	+	+	+	+	+	o	+	+	-
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-
-	-	-	-	-	/	-	o	-	-	-	-	-	-	-	-	-
+	+	+	+	+	o	+	+	+	+	+	-	/	o	/	+	/
-	+	+	+	+	o	+	/	-	-	-	-	-	-	-	-	-
-	-	-	-	/	o	+	o	-	-	-	-	-	-	-	-	-
+	+	+	+	+	o	+	+	o	-	-	-	-	-	-	-	-
-	-	-	-	o	+	+	o	+	+	+	+	/	o	+	/	/
-	-	-	-	o	+	+	o	-	-	-	-	-	-	-	-	-
-	-	-	-	/	/	+	o	-	-	-	-	-	-	-	-	+
-	-	-	-	-	+	-	+	-	-	-	/	-	o	-	/	-
-	+	-	-	-	/	+	o	+	-	-	-	-	o	/	o	-
-	+	+	+	+	+	+	+	+	+	+	-	+	+	o	+	+
-	+	-	-	-	+	+	+	+	-	-	+	-	+	+	+	-
-	-	-	-	o	o	+	o	-	-	-	-	-	-	-	-	-
-	-	-	-	+	+	+	o	-	-	-	-	-	-	-	-	/
+	+	+	+	o	/	+	o	+	+	+	+	+	o	/	+	+
-	-	-	-	o	/	+	o	-	-	-	-	-	-	-	-	-
+	+	+	+	+	o	+	o	-	-	-	-	-	-	-	-	-
-	-	-	-	+	o	+	o	+	+	+	-	+	+	o	+	+
-	+	-	-	-	+	-	o	+	-	-	-	-	-	/	+	-
+	+	+	+	-	+	+	+	-	-	-	-	-	-	-	-	-
+	+	-	-	-	o	+	/	+	-	-	-	-	-	/	/	-
-	+	-	-	-	+	-	+	+	-	-	-	-	-	+	-	-
+	+	+	+	-	o	+	/	+	-	-	+	-	+	/	+	-
-	-	-	-	o	o	+	o	-	-	-	-	-	-	-	-	-
+	+	+	+	+	o	+	+	-	-	-	-	-	-	-	-	+
+	+	+	+	+	o	+	+	-	-	-	+	-	-	-	-	-
+	+	+	+	+	o	+	+	+	+	+	+	+	+	/	o	+
-	-	-	-	o	/	o	/	-	-	-	-	-	-	-	-	-
+	-	-	-	-	-	-	-	+	+	+	-	+	+	+	+	-
+	+	-	-	-	o	+	o	+	-	-	+	-	+	o	+	-
+	+	-	-	-	o	+	o	+	-	-	-	-	-	o	o	-
+	-	-	-	o	/	+	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	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	FFKM	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
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)

- + 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	-	+	-	-	+	+	+	+	-	-	-	+	-	-	-	-	-