

+ resistant
/ partially resistant
o not resistant
- no information

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

Sapphire ceramic®
 1.4571/1.4435/
 316 Ti/316 L
 Hastelloy C
 Tantal
 FKM
 Viton
 EPDM
 FFKM
 NBR
 PTFE
 PFA
 FEP
 PEEK
 ECTFE
 PVDF
 PP
 PA
 PE

Substance (EN)	Substanz (DE)	Sapphire ceramic®	1.4571/1.4435/316 Ti/316 L	Hastelloy C	Tantal	FKM	Viton	EPDM	FFKM	NBR	PTFE	PFA	FEP	PEEK	ECTFE	PVDF	PP	PA	PE
Acetaldehyde	Acetaldehyd	+	+	+	+	o	/	+	o	+	+	+	+	+	+	+	/	/	/
Acetamide	Acetamid	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetic acid	Essigsäure	/	/	/	+	o	o	+	+	+	+	+	+	o	+	+	+	o	+
Acetic acid (max. 6%/85°C)	Essigsäure (max.6%/85°C)	+	+	+	+	o	+	+	-	-	-	-	-	-	-	-	-	-	+
Acetic anhydride	Essigsäureanhydrid	+	-	-	-	o	+	+	o	+	+	+	-	+	o	/	o	/	/
Acetic potassium	Essigsäures Kalii	-	-	-	-	o	+	+	/	-	-	-	-	-	-	-	-	-	-
Acetic soda	Essigsäures Natron	-	-	-	-	o	+	+	/	-	-	-	-	-	-	-	-	-	-
Acetoacetate	Acetessigester	-	+	+	+	o	/	+	o	-	-	-	-	-	-	-	-	-	-
Acetone	Aceton	+	+	+	+	o	+	+	o	+	+	+	+	+	+	o	+	/	+
Acetophenone	Acetophenon	+	+	+	+	o	+	+	o	+	+	+	+	/	/	/	/	/	-
Acetyl chloride	Acetylchlorid	-	+	+	+	+	o	+	o	+	+	+	+	/	/	/	/	+	-
Acetylactone	Acetylacton	+	+	+	+	o	+	+	o	-	-	-	-	-	-	-	-	-	-
Acetylene	Acetylen	+	+	+	+	+	+	+	+	-	-	-	+	-	-	-	-	-	-
Acronal dispersions (polyacrylate for adhesives)	Acronaldispersionen (Polyacrylsäureester für Klebstoffe)	-	+	-	-	-	+	-	o	+	-	-	-	-	-	-	+	/	-
Acronal solutions	Acronallösungen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acrylate silicates - aqueous	Arylsilikate - wässrig	-	+	-	-	-	/	+	/	+	-	-	-	-	-	-	-	-	-
Acrylonitrile	Acrylnitril	-	+	+	+	o	o	+	o	/	+	+	+	+	+	+	/	/	+
Adipic acid	Adipinsäure	+	+	+	+	+	+	+	+	+	+	+	+	-	/	+	+	o	+
Albumin	Albumin	-	+	-	-	-	+	-	+	+	-	-	-	-	-	-	+	+	-
Alcohol, denatured	Brennspiritus	+	+	+	+	+	+	+	+	+	+	+	+	-	+	+	+	o	+
Allyl alcohol	Allylalkohol	-	+	-	-	-	+	+	+	+	-	-	+	-	+	+	+	+	-
Alum	Alaune	+	+	/	-	+	+	+	+	+	+	+	+	+	+	+	+	o	-
Aluminium acetate, aqueous	Aluminiumacetat, wässrig	-	+	+	+	o	+	+	+	+	+	+	+	-	+	+	+	+	-
Aluminium bromide	Aluminiumbromid	-	-	-	-	-	+	+	+	-	-	-	-	-	-	-	-	-	-
Aluminium chloride, aqueous	Aluminiumchlorid, wässrig	+	o	/	+	+	+	+	+	+	+	+	+	+	+	+	+	/	+
Aluminium fluoride, aqueous	Aluminiumfluorid, wässrig	-	+	+	-	+	+	+	+	+	+	+	+	+	+	+	+	+	-
Aluminium nitrate, aqueous	Aluminiumnitrat, wässrig	-	+	+	-	+	+	+	+	+	+	+	+	+	+	+	+	+	-
Aluminium phosphate, aqueous	Aluminiumphosphat, wässrig	-	-	-	-	+	+	+	+	-	-	-	-	-	-	-	-	-	-
Aluminium sulfate	Aluminiumsulfat	+	/	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Amine mixture	Amine-Gemisch	-	+	+	+	o	/	o	o	-	-	-	-	-	-	-	-	-	-
Aminoacetic acid (glycine)	Aminoessigsäure (Glykoll)	-	+	-	-	-	+	-	/	+	-	-	-	-	-	+	+	/	-
Ammonia	Ammoniak	+	+	/	+	o	o	o	o	+	+	+	+	+	+	+	+	/	+
Ammonia solution	Ammoniaklösung	+	-	-	-	-	-	-	-	+	+	+	-	+	+	+	/	-	-
Ammonia solution (ammonia - water)	Salmiakgeist (Ammoniak - Wasser)	+	+	+	+	o	o	o	o	+	-	-	+	-	+	+	+	+	-
Ammonia water	Gaswasser	-	+	-	-	-	-	-	-	+	+	+	-	-	-	-	-	-	-
Ammonium acetate, aqueous	Ammoniumacetat - wässrig	-	+	-	-	-	+	+	+	-	-	+	-	+	+	+	-	-	-
Ammonium carbonate, aqueous	Ammoniumcarbonat, wässrig	+	/	+	+	o	+	+	/	+	+	+	+	+	+	+	+	+	+
Ammonium chloride	Ammoniumchlorid	+	/	+	+	o	+	+	+	+	+	+	+	+	+	+	+	/	+
Ammonium citrate, aqueous	Ammoniumcitrat - wässrig	-	+	-	-	-	+	+	+	-	-	-	-	-	-	-	+	/	-
Ammonium fluoride, aqueous	Ammoniumfluorid - wässrig	-	/	-	-	-	+	/	+	+	-	-	+	-	+	+	-	-	-
Ammonium fluorosilicate, aqueous	Ammoniumfluorsilikat - wässrig	-	+	-	-	-	+	+	+	-	-	-	-	-	-	-	+	/	-
Ammonium formate, aqueous	Ammoniumformiat - wässrig	-	+	-	-	-	+	+	+	-	-	-	-	-	-	-	+	+	-
Ammonium nitrate	Ammoniumnitrat	+	+	+	+	-	+	+	+	+	+	+	+	+	+	+	+	/	+
Ammonium oxalate, aqueous	Ammoniumoxalat - wässrig	-	+	-	-	-	+	+	+	-	-	-	-	-	-	-	+	/	-
Ammonium persulphate	Ammoniumpersulfat	+	/	-	+	-	+	+	o	+	+	+	+	-	+	+	+	o	-
Ammonium phosphate	Ammoniumphosphat	+	+	+	+	-	+	+	+	+	+	+	+	+	+	+	+	+	+
Ammonium salt	Ammoniumsalze	-	-	-	-	o	+	+	+	-	-	+	-	-	-	-	-	-	-
Ammonium sulphate	Ammoniumsulfat	+	+	/	+	o	+	+	+	+	+	+	+	+	+	+	+	+	+
Ammonium sulphide	Ammoniumsulfid	-	+	+	-	o	+	+	+	+	+	+	+	+	+	+	+	+	+
Ammonium thiocyanate - aqueous	Ammoniumrhodanid - wässrig	-	+	-	-	-	+	-	+	+	-	+	-	+	-	-	+	+	-
Amyl acetate	Amylacetat	-	+	+	+	o	+	+	o	+	+	+	+	+	+	+	+	+	+
Amyl alcohol	Amylalkohol	+	+	+	+	+	+	+	o	+	+	+	+	+	+	+	+	/	+
Amyl borate	Amylborat	-	-	-	-	o	+	+	-	-	-	-	-	-	-	-	-	-	-
Amyl chloride	Amylchlorid	-	/	+	+	+	o	+	o	-	-	-	+	-	-	-	-	-	-
Amyl chloronaphtalene	Amylchloronaphthalin	-	-	-	-	+	o	+	o	-	-	-	-	-	-	-	-	-	-
Amyl naphtalene	Amylnaphthalin	-	-	-	-	+	o	+	o	-	-	-	-	-	-	-	-	-	-
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	+	+	-	-	-	-	-	-	-	+	-	-	+	+	+	+	+	+

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Substance (EN)	Substanz (DE)	Sapphire ceramic® 1.487/1.4435/ 316 Ti/316 L	Hastelloy C	Tantal	FKM (z. B. Viton)	EPDM	FFKM	NBR	PTFE	PFA	FEP	PEEK	ECTFE	PVDF	PP	PA	PE
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	+	+	-	-	-	-	-	+	+	-	-	-	-	-	+	+
Benzaldehyde - aqueous	Benzaldehyd - wässrig	+	+	-	-	-	+	+	/	+	-	+	-	/	+	/	-
Benzene	Benzol	+	+	-	-	-	o	+	o	+	-	+	-	/	o	+	-
Benzenesulfonic acid - aqueous	Benzolsulfonsäure - wässrig	+	+	-	-	-	+	+	+	+	-	o	-	+	+	-	-
Benidine 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
Boron hydrofluoric acid (fluoroboric acid)	Borfluorwasserstoffsäure (Fluorborssäure)	-	o	-	-	-	+	/	+	+	-	-	-	-	+	+	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	+	+	-
Butanediol	Butindiol	-	/	-	-	-	/	-	/	+	-	+	-	-	+	+	-
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	Calciumbisulfit - wässrig	-	+	-	-	-	+	+	+	+	-	+	-	-	+	o	-
Calcium bisulphite	Kalziumbisulfit	-	-	-	-	+	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	-	-	-	-	-	-	-	-

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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	Kalziumsulfid	-	-	-	-	+	+	+	+	-	-	-	-	-	-	-	-	-	
Calcium thiosulphate	Kalziumthiosulfat	-	-	-	-	+	+	+	/	-	-	-	-	-	-	-	-	-	
Campher oil	Champheröl	-	+	-	-	-	o	/	+	+	-	-	-	-	o	-	-	-	
Caprylaldehyde (hexanal)	Caprylaldehyd (Hexanal)	-	-	-	-	o	/	+	-	-	-	-	-	-	-	-	-	-	
Carbitol	Carbitol	-	-	-	-	/	/	+	o	+	-	-	-	-	-	-	-	-	
Carbolic acid (phenol)	Carbolsäure (Phenol)	-	+	+	+	+	+	+	+	+	+	/	+	+	/	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)	+	+	+	+	+	+	+	/	+	-	+	+	-	/	-	-	+	
Caustic solution	Beizlösung	+	+	+	-	/	o	+	o	-	-	-	-	-	-	-	-	-	
Cellosolve (glycol ethyl ether)	Cellosolve (Glykoethylether)	-	+	-	-	-	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	-	
Chlorine (gas) - wet (chlorine water)	Chlor (gasförmig) - feucht (Chlorwasser)	+	o	-	-	-	o	/	o	+	-	-	o	-	/	o	o	-	
Chlorine (liquid)	Chlor (flüssig)	-	+	-	-	-	o	+	o	+	-	-	o	-	+	o	o	-	
Chlorine dioxide	Chlordioxid	+	/	o	+	+	+	+	o	-	-	-	-	-	-	-	-	-	
Chlorine gas	Chlorgas	+	/	-	+	+	o	+	o	-	-	/	-	-	-	-	-	-	
Chlorine lime (calcium hypochlorite) - aqueous	Chlorkalk (Calciumhypochlorit) - wässrig	-	/	-	-	-	+	+	o	+	-	-	+	-	+	+	o	-	
Chlorine water (chlorine - moist)	Chlorwasser (Chlor - feucht)	+	o	-	-	-	o	/	o	+	-	-	o	-	/	o	o	-	
Chloroacetic acid	Chloressigsäure	+	/	/	+	o	/	+	o	+	+	+	+	+	+	+	o	+	
Chloroacetic acid ethyl ester	Chloressigsäureethylester	+	-	-	-	+	o	+	o	-	-	-	-	-	-	-	-	-	
Chloroacetone	Chloracetone	+	-	-	-	o	+	+	o	-	-	-	-	-	-	-	-	-	
Chlorobenzene	Chlorbenzol	+	/	+	+	+	o	+	o	+	+	+	+	+	+	/	+	o	
Chlorobutadiene (chloroprene)	Chlorbutadien (Chloropren)	+	+	+	-	+	o	+	o	-	-	-	-	-	-	-	-	-	
Chlorodiphenyl	Chlordiphenyl	-	+	+	-	-	/	-	+	+	-	-	-	-	+	-	-	-	
Chloroethanol (ethylene chlorohydrin)	Chlorethanol (Ethylenchlorhydrin)	-	+	-	-	-	o	+	o	+	-	-	/	-	+	+	/	-	
Chloroform (trichloromethane)	Chloroform (Trichlormethan)	+	+	/	+	+	+	+	+	+	+	+	+	/	+	+	/	o	
Chloromethane (methyl chloride)	Chlormethan (Methylchlorid)	-	+	-	-	-	o	+	o	+	-	-	+	-	o	o	/	-	
Chloronaphthalene	Chlornaphthalin	+	-	-	-	+	o	+	o	-	-	-	-	-	-	-	-	-	
Chlorophenol (O-chlorophenol)	Chlorphenol (O-Chlorphenol)	+	+	+	+	+	o	+	o	-	-	-	-	-	-	-	-	-	
Chlorophenoxyacetic acid	Chlorphenoxyessigsäure	-	+	-	-	-	+	-	+	+	-	-	-	-	+	-	-	-	
Chlorosulphuric acid	Chlorsulfonsäure	+	/	+	+	o	o	+	o	+	+	+	o	+	+	o	o	o	
Chloroxyleneol	Chlorxyleneol	-	+	-	-	-	o	+	o	+	-	-	-	-	-	-	-	-	
Chlortoluol	Chlortoluol	+	+	+	+	+	o	+	o	+	+	+	-	+	+	o	o	-	
Choline chloride - aqueous	Cholinchlorid - wässrig	-	-	-	-	-	+	-	+	+	-	-	-	-	/	-	-	-	
Chrome alum	Chromalaun	+	/	+	+	+	+	+	+	-	-	-	-	-	-	-	-	+	
Chromic acid (50%)	Chromsäure (50%)	+	o	o	+	+	/	+	+	+	+	+	+	+	/	o	o	-	
Chromium sulphate - aqueous	Chromsulfat - wässrig	-	/	-	-	-	+	+	+	-	-	-	-	-	+	/	-	-	
Cider	Apfelwein	+	+	-	-	-	+	-	+	+	-	-	-	-	+	+	+	-	
Citral (lemon grass oil)	Citral (Citronellöl)	-	+	-	-	-	o	-	o	+	-	-	-	-	o	+	-	-	
Citric acid, aqueous	Zitronensäure, wässrig	+	/	+	+	+	+	+	+	+	+	+	+	+	+	+	o	+	
Cobalt chloride	Kobaltchlorid	-	-	-	-	+	+	+	+	-	-	-	-	-	-	-	-	-	
Coconut butter	Kokosfett	+	+	+	+	+	o	+	+	-	-	-	+	-	-	-	-	/	
Coconut oil	Kokosnußöl	+	+	+	+	-	o	+	/	+	-	-	+	-	+	/	+	-	
Cod liver oil	Lebertran	+	+	+	+	+	o	+	+	+	+	+	-	+	+	+	+	+	
Coffee	Kaffee	+	+	+	+	+	+	+	+	-	-	-	+	-	-	-	-	+	
Cola essence (Coca-Cola)	Cola-Essenz (Coca-Cola)	+	+	+	+	o	+	+	o	-	-	-	-	-	-	-	-	-	
Compressed-air supply	Druckluftversorgung	+	+	+	+	+	o	+	+	-	-	-	-	-	-	-	-	+	

+ resistant
/ partially resistant
o not resistant
- no information

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

Sapphire ceramic®
 1.4571/1.4435/
 316 Ti/316 L
 Hastelloy C
 Tantal
 FKM
 FFKM
 EPDM
 FFKM
 NBR
 PTFE
 PFA
 FEP
 PEEK
 ECTFE
 PVDF
 PP
 PA
 PE

Substance (EN)	Substanz (DE)	Sapphire ceramic®	1.4571/1.4435/316 Ti/316 L	Hastelloy C	Tantal	FKM	FKKM	EPDM	FFKM	NBR	PTFE	PFA	FEP	PEEK	ECTFE	PVDF	PP	PA	PE
Copper acetate, aqueous	Kupferacetat, wässrig	-	+	+	+	o	+	+	o	-	-	-	+	-	-	-	-	-	-
Copper chloride, aqueous	Kupferchlorid, wässrig	+	o	o	-	+	+	+	+	+	+	+	+	+	+	+	+	o	-
Copper cyanide	Kupfercyanid	-	+	-	-	+	+	+	+	+	+	+	+	+	+	+	+	+	-
Copper salt	Kupfersalze	-	-	-	-	+	+	+	+	+	-	-	-	-	-	-	-	-	+
Copper sulphate, aqueous	Kupfersulfat, wässrig	+	+	/	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-
Corn germ oil	Maiskeimöl	+	+	+	+	+	o	+	/	+	-	-	+	-	+	/	+	-	-
Corn oil	Maisöl	+	+	+	+	+	o	+	/	+	-	-	-	-	-	-	-	-	/
Cottonseed oil	Baumwollsamensöl	+	+	-	-	-	o	+	/	+	-	-	-	-	-	-	o	-	-
Creosol (methylcatechol)	Kreosol (Methylbrenzcatechin)	-	+	+	+	+	o	+	o	-	-	-	-	-	-	-	-	-	+
Crude oil	Erdöl	+	+	+	+	+	o	+	+	+	+	+	+	+	/	+	/	+	o
Cyclanone (fatty alcohol sulfonate)	Cyclanone (Fettalkoholsulfonat)	-	+	-	-	-	+	-	+	+	-	-	-	-	-	-	+	+	-
Cyclohexane	Cyclohexan	-	+	+	+	+	o	+	+	+	+	+	+	+	+	+	/	+	+
Cyclohexanol	Cyclohexanol	-	+	+	+	+	o	+	+	+	+	+	+	+	+	+	/	+	+
Cyclohexanone	Cyclohexanon	-	+	+	+	o	/	+	o	+	+	+	+	+	+	+	/	+	-
Cymene	Cymol	-	+	-	-	-	o	-	o	+	-	-	-	-	-	-	o	+	-
Decahydronaphthalene (decalin)	Dekahydronaphtalin (Dekalin)	-	+	-	-	-	o	+	o	+	-	-	-	-	-	-	/	+	-
Decane	Decane	-	-	-	-	+	o	+	+	-	-	-	-	-	-	-	-	-	-
Desmodur T	Desmodur T	-	+	-	-	-	o	-	o	+	-	-	-	-	-	-	-	-	-
Desmophen	Desmophen	-	+	-	-	-	+	-	+	+	-	-	-	-	-	-	-	-	-
Detergent (synth. household detergent)	Waschmittel (synth. Haushaltswaschmittel)	+	+	+	+	-	+	+	/	+	-	-	-	-	-	+	/	/	-
Developing bath	Entwicklerbad	-	+	-	-	+	/	+	+	-	-	-	-	-	-	-	-	-	-
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	+	+	-
Diethylen glycol	Diethylen glykol	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-
Difluoro-dibromomethane	Difluordibrommethan	-	-	-	-	-	/	-	o	-	-	-	-	-	-	-	-	-	-
Diisobutyl ketone	Diisobutylketon	+	+	+	+	o	+	+	+	+	+	+	+	/	o	/	+	/	/
Diisobutylene	Diisobutylene	-	+	+	+	+	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)	-	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
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	+	/	+	-	-	+	-	+	/	+	-	-

+ resistant
/ partially resistant
o not resistant
- no information

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

Substance (EN)	Substanz (DE)	Sapphire ceramic® 1.487/1.4435/ 316 Ti/316 L	Hastelloy C	Tantal	FKM (z. B. Viton)	EPDM	FFKM	NBR	PTFE	PFA	FEP	PEEK	ECTFE	PVDF	PP	PA	PE
Epichlorohydrin	Epichlorhydrin	-	-	-	o	o	+	o	-	-	-	+	-	-	-	-	-
Epoxide resin	Epoxidharze	+	+	+	+	+	+	+	-	-	-	-	-	-	-	-	+
Ethane	Ethan	+	+	+	+	+	+	+	-	-	-	+	-	-	-	-	-
Ethanol (ethyl alcohol)	Ethanol (Ethylalkohol)	+	+	+	+	+	+	+	+	+	+	+	+	+	/	o	+
Ethanolamine (colamine)	Ethanolamin (Colamin)	-	-	-	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	/	+	-
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	+	-
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	Ethylendiamin	-	-	-	-	o	+	o	+	+	+	+	+	+	+	o	-
Ethylene dibromide	Ethylen dibromid	-	-	-	-	+	o	+	o	-	-	-	-	-	-	-	-
Ethylene dichloride	Ethylen dichlorid	-	-	-	-	+	o	+	o	-	-	-	-	-	-	-	-
Ethylene glycol	Ethylen glycol	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Ethylene oxide	Ethylenoxid	-	-	-	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 r	Abgase - schwefelsäurehaltig - (Schwefeltrioxid feucht)	+	+	+	-	+	+	+	/	+	-	o	-	+	+	o	/
Fats, fatty oils	Fette, fette Öle	+	+	+	+	o	+	/	+	-	-	+	-	+	/	+	-
Fatty acids	Fettsäuren	+	+	+	+	+	+	/	+	+	+	+	+	+	+	+	/
Fatty alcohol sulfates (sulfated fats) - aqueous	Fettalkoholsulfate (sulfatierte Fette) - wässrig	-	+	-	-	-	/	+	+	-	-	-	-	-	+	/	-
Fatty alcohols	Fettalkohole	-	+	-	-	-	/	+	+	-	-	-	-	-	/	+	-
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 (boron hydrofluoric acid)	Fluorbor säure (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	+	-
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	+	-	-	-	-	-	-	-

+ resistant
/ partially resistant
o not resistant
- no information

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

Substance (EN)	Substanz (DE)	Sapphire ceramic® 1.487/1.4435/ 316 Ti/316 L	Hastelloy C	Tantal	FKM FKM Viton® (z. B. Viton)	EPDM	FFKM	NBR	PTFE	PFA	FEP	PEEK	ECTFE	PVDF	PP	PA	PE
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
Fuel oil, light	Heizöl, leicht	+	+	+	+	+	+	o	+	+	+	+	+	+	+	+	/
Fumaric acid	Fumarsäure	-	-	-	-	+	+	+	-	-	-	-	-	-	-	-	-
Furfural (furaldehyde)	Furfural (Furanaldehyd)	+	/	+	+	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 (Aminoessigsäure) - wässrig	-	+	-	-	-	+	-	/	+	-	-	-	+	+	/	-
Glycol	Glykol	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Glycol ethyl ether (cellosolve)	Glykolethylether (Cellosolve)	-	+	-	-	-	o	+	o	+	-	-	-	-	o	+	-
Glycolic acid - aqueous	Glykolsäure - wässrig	-	/	-	-	-	+	+	+	+	-	+	-	+	+	o	-
Hair shampoo	Haarshampoo	+	+	+	+	-	/	-	/	+	-	-	-	-	/	+	-
Helium	Helium	+	+	+	+	+	+	+	+	-	-	+	-	-	-	-	+
Heptane	Heptan	+	/	/	+	+	o	+	+	+	+	+	+	+	/	+	/
Hexaldehyde	Hexaldehyd	-	-	-	-	o	+	+	o	-	-	-	-	-	-	-	-
Hexamethylenetetramine - aqueous	Hexamethylenetetramin - wässrig	-	+	-	-	-	+	+	+	+	-	-	-	-	+	+	-
Hexane	Hexan	+	+	+	+	+	o	+	+	+	+	+	+	+	/	+	/
Hexyl alcohol	Hexylalkohol	+	+	+	+	+	+	+	+	+	+	-	+	+	+	/	+
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	+
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	+	+	+	+	+	+	+	+	-	-	+	-	-	-	-	+
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	+	+	/	+	+	+	+	+	-	-	+	-	-	-	-	+
Iron(III)chloride, aqueous	Eisen(III)Chlorid, wässrig	+	o	o	+	+	+	+	+	-	-	/	-	-	-	-	+
Isobutanol	Isobutanol	+	+	-	-	-	+	+	/	+	-	+	-	+	+	+	-
Isobutyl alcohol	Isobutylalkohol	+	+	+	+	+	+	+	o	+	+	+	-	+	+	+	o
Isododecane	Isododecan	+	+	+	+	+	+	+	o	+	+	-	-	-	-	-	-
Isooctane	Isooctan	+	+	+	+	+	+	+	o	+	+	+	+	+	+	+	+
Isooctanol	Isooctanol	+	-	-	-	-	+	+	+	-	-	-	-	-	-	-	-
Isophorone	Isophoron	-	-	-	-	-	o	+	+	o	-	-	-	-	-	-	-
Isopropanol	Isopropanol	+	+	+	+	+	+	+	/	+	+	+	+	+	+	+	/
Isopropyl acetate	Isopropylacetat	-	-	-	-	-	o	/	+	o	+	+	+	+	+	/	+
Isopropyl benzene	Isopropylbenzol	+	+	+	+	+	+	+	o	+	+	+	-	+	+	/	+
Isopropyl chloride	Isopropylchlorid	-	-	-	-	-	+	o	+	o	-	-	-	-	-	-	-
Isopropyl ether	Isopropylether	+	+	+	+	+	o	o	+	/	+	+	+	+	+	o	+
Kerosene	Kerosin , Flugbenzin	+	+	+	-	-	+	o	+	+	+	+	+	/	+	/	+
Lacquer solvent	Lacklösungsmittel	+	+	+	+	+	o	o	+	o	-	-	-	-	-	-	-
Lacquers	Lacke	+	+	+	+	+	+	+	+	/	-	-	+	-	-	-	-
Lactam amino acid	Lactam-Aminosäuren	-	-	-	-	-	o	/	+	o	-	-	-	-	-	-	-

+ resistant
/ partially resistant
o not resistant
- no information

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

Substance (EN)	Substanz (DE)	Sapphire ceramic® 1.487/1.4435/ 316 Ti/316 L	Hastelloy C	Tantal	FKM (z. B. Viton)	EPDM	FFKM	NBR	PTFE	PFA	FEP	PEEK	ECTFE	PVDF	PP	PA	PE
Lactic acid, cold	Milchsäure, kalt	+	+	/	+	+	+	-	+	+	+	+	+	+	+	/	+
Lactic acid, hot	Milchsäure, heiß	+	/	/	+	+	o	+	+	+	+	+	+	+	+	/	+
Laughing gas	Lachgas	+	+	+	+	+	/	+	+	+	+	-	+	+	+	+	+
Lavender oil	Lavendelöl	+	+	+	+	+	o	+	o	-	-	-	-	-	-	-	+
Lead acetate - aqueous	Bleiacetat - wässrig	+	+	-	-	+	+	/	+	-	-	+	-	+	+	+	-
Lead nitrate - aqueous	Bleintrat - wässrig	-	+	-	-	+	+	+	+	-	-	-	-	-	+	-	-
Lemon juice	Zitronensaft	+	+	+	+	+	+	/	+	-	-	+	-	-	+	+	-
Light oil (crude benzene)	Leichtöl (Rohbenzol)	+	+	+	+	+	o	+	+	-	-	-	-	-	-	-	-
Lime bleach	Kalkbleiche	-	-	-	-	+	+	+	+	-	-	-	-	-	-	-	-
Linoleic acid	Linolsäure	+	-	-	-	/	o	+	/	-	-	-	-	-	-	-	-
Linseed oil	Leinöl	+	+	+	+	+	o	+	+	+	+	+	+	+	+	+	+
Liquid petroleum gas (LPG)	Flüssig-Petroleum-Gas (LPG)	+	+	+	+	+	+	+	+	-	-	-	-	-	-	-	-
Lithium chloride - aqueous	Lithiumchlorid - wässrig	-	/	-	-	-	+	+	+	-	-	-	-	+	+	/	-
Lubricating oils	Schmieröle	+	+	-	-	o	+	+	+	-	-	+	-	+	+	+	-
Lye, caustic soda solution	Alkalilauge, Ätznatronlösung	+	-	-	-	o	+	+	/	+	-	-	-	+	-	-	-
Lysol	Lysol	-	+	-	-	o	+	o	+	-	-	+	-	/	/	o	-
Magnesium chloride, aqueous	Magnesiumchlorid, wässrig	+	/	+	+	+	+	+	+	+	+	+	+	+	+	+	-
Magnesium hydroxide, aqueous	Magnesiumhydroxid, wässrig	-	-	-	-	+	+	+	+	+	+	+	+	+	+	+	-
Magnesium salt	Magnesiumsalze	-	-	-	-	+	+	+	+	-	-	+	-	-	-	-	+
Magnesium sulphate, aqueous	Magnesiumsulfat, wässrig	+	+	/	+	+	+	+	+	+	+	+	+	+	+	+	+
Maleic acid, aqueous	Maleinsäure, wässrig	+	+	/	+	+	+	+	+	+	+	+	+	+	+	/	+
Maleic anhydride	Maleinsäureanhydrid	-	+	+	+	o	/	+	o	-	-	-	-	-	-	-	-
Malic acid	Apfelsäure	+	+	+	+	+	-	+	+	-	-	+	-	-	-	-	-
Manganese chloride - aqueous	Manganchlorid - wässrig	+	/	-	-	-	+	+	+	-	-	-	-	-	+	+	-
Manganese sulphate - aqueous	Mangansulfat - wässrig	+	+	-	-	-	+	+	+	-	-	-	-	+	+	+	-
Mercaptans	Mercaptane	-	+	-	-	o	+	o	+	-	-	-	-	/	-	+	-
Mercury	Quecksilber	+	+	/	+	+	+	+	+	+	+	+	+	+	+	/	+
Mercury chloride, aqueous	Quecksilberchlorid, wässrig	-	/	-	-	+	+	+	+	+	+	+	+	+	+	+	+
Mercury salts - aqueous	Quecksilbersalze - wässrig	-	+	-	-	+	+	+	+	-	-	+	-	+	+	o	-
Mercury vapours	Quecksilberdämpfe	+	+	+	+	+	+	+	+	-	-	-	-	-	-	-	-
Mersols (alkane sulfonic acid chlorides)	Mersole (Alkansulfonsäurechloride)	-	/	-	-	-	/	-	+	+	-	-	-	-	/	-	-
Mesitylene oxide	Mesityl-Oxid	-	-	-	-	o	/	+	o	-	-	-	-	-	-	-	-
Methacrylic acid	Methacrylsäure	-	-	-	-	o	/	+	o	-	-	-	-	-	-	-	-
Methane	Methan	+	/	+	/	+	o	+	+	-	-	+	-	-	-	-	+
Methanol (methyl alcohol)	Methanol (Methylalkohol)	+	/	+	/	o	+	+	+	+	+	+	+	+	+	o	+
Methoxybutanol	Methoxybutanol	-	+	-	-	-	+	+	+	-	-	+	-	-	+	-	-
Methyl acetate	Methylacetat	-	/	+	+	o	/	+	o	+	+	+	+	o	/	+	+
Methyl acetoacetate	Methylacetoacetat	-	-	-	-	o	/	+	o	-	-	-	-	-	-	-	-
Methyl acrylate	Methylacrylat	-	-	-	-	o	/	+	o	-	-	-	-	-	-	-	-
Methyl acrylic acid	Methylacrylsäure	-	-	-	-	o	/	+	o	-	-	-	-	-	-	-	-
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 Cellosolve	-	-	-	-	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	-	+	-	-	-	+	+	+	+	-	-	+	-	+	+	-

+ resistant
/ partially resistant
o not resistant
- no information

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

Substance (EN)	Substanz (DE)	Sapphire ceramic® 1.457/1.4435/ 316 Ti/316 L	Hastelloy C	Tantal	FKM (z. B. Viton)	EPDM	FFKM	NBR	PTFE	PFA	FEP	PEEK	ECTFE	PVDF	PP	PA	PE
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 (Färbereinetzmittel)	-	+	-	-	-	+	/	+	-	-	-	-	-	+	-	-
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
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	-	-	-	-	-	-	-	-
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	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	/
Peanut oil	Erdnußöl	+	+	+	+	+	o	+	+	-	-	+	-	-	-	-	/
Pentane (n-pentane)	Pentan (N-Pentan)	+	+	+	+	+	+	+	+	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-
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	+	/	+	-	-	-	-	+	-	-

+ resistant
/ partially resistant
o not resistant
- no information

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

Substance (EN)	Substanz (DE)	Sapphire ceramic® 1.487/1.4435/ 316 Ti/316 L	Hastelloy C	Tantal	FKM FKM Viton® (z. B. Viton)	EPDM	FFKM	NBR	PTFE	PFA	FEP	PEEK	ECTFE	PVDF	PP	PA	PE
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 (essigsäures 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	-
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	+	+	+	+	/	/	+	+	-
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	+	/
Pyroligneous acid	Holzessig	-	-	-	-	o	/	+	o	-	-	-	-	-	-	-	-
Pyrrrole	Pyrrrol	-	-	-	-	o	o	+	o	-	-	-	-	-	-	-	-
Rapeseed oil	Rapsöl	+	+	+	+	-	o	+	/	+	-	-	+	-	+	/	+
Raspberry essence	Himbeer-Essenz	+	+	+	+	+	+	+	o	-	-	-	-	-	-	o	-
Resorcinol (50%)	Resorcin (50%)	-	-	-	-	-	-	-	+	+	+	o	+	+	+	o	-
Saccharin (sweetener)	Saccharin (Süßstoff)	+	+	+	+	-	+	-	+	+	-	-	-	-	+	-	-
Salicylic acid	Salicylsäure	-	-	-	-	+	+	+	/	+	+	+	o	+	+	+	-
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	+	+	-	-	/	+	/	+	-	-	-	-	+	/	/	-

+ resistant
/ partially resistant
o not resistant
- no information

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

Substance (EN)	Substanz (DE)	Sapphire ceramic® 1.457/1.4435/ 316 Ti/316 L	Hastelloy C	Tantal	FKM (z. B. Viton)	EPDM	FKM	NBR	PTFE	PFA	FEP	PEEK	ECTFE	PVDF	PP	PA	PE
Soda (sodium carbonate)	Soda (Natriumcarbonat)	+	+	-	-	+	+	+	+	-	-	+	-	/	+	+	-
Sodium acetate, aqueous	Natriumacetat, wässrig	-	+	/	+	o	+	+	+	+	+	+	+	+	+	+	/
Sodium arsenate and sodium arsenite	Natriumarsenate und Natriumarsenite	-	+	-	-	-	+	+	+	+	-	-	-	-	-	-	-
Sodium benzoate - aqueous	Natriumbenzoat - wässrig	-	+	-	-	-	+	+	+	+	-	-	-	+	+	+	-
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	+	+	-	-	-	+	-	+	+	-	-	+	-	+	+	-
Sulphur	Schwefel	+	+	/	+	+	+	+	o	-	-	-	+	-	-	-	/
Sulphur chloride	Schwefelchlorid	+	-	-	-	+	o	+	o	-	-	-	+	-	-	-	-
Sulphur dioxide	Schwefeldioxid	-	+	/	+	o	+	+	o	+	+	+	+	+	+	+	o
Sulphur hexafluoride (SF6)	Schwefelhexafluorid (SF6)	-	-	-	-	+	+	+	+	-	-	-	+	-	-	-	-
Sulphur lye	Schwefellaug	-	-	-	-	+	/	+	/	-	-	-	-	-	-	-	-
Sulphur trioxide, dry	Schwefeltrioxid, trocken	-	-	-	-	+	/	+	o	-	-	-	+	-	-	-	o
Sulphur, molten	Schwefel, geschmolzen	-	-	-	-	+	o	+	o	-	-	-	-	-	-	-	-
Sulphuric acid	Schwefelsäure	/	o	o	+	+	o	+	o	+	+	+	-	+	+	/	o

+ resistant
/ partially resistant
o not resistant
- no information

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

Saphire ceramic®
 1.457/1.4435/
 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)	Saphire ceramic®	1.457/1.4435/ 316 Ti/316 L	Hastelloy C	Tantal	FKM (z. B. Viton)	EPDM	FFKM	NBR	PTFE	PFA	FEP	PEEK	ECTFE	PVDF	PP	PA	PE	
Sulphuric acid - aqueous (30%)	Schwefelsäure - wässrig (30 %)	/	o	-	-	-	+	+	/	+	-	-	/	-	+	+	o	-	
Sulphuric acid - concentrated (96%)	Schwefelsäure - konzentriert (96 %)	/	o	-	-	-	o	+	o	+	-	-	o	-	+	o	o	-	
Sulphuric acid (max. 6%/85°C)	Schwefelsäure (max. 6%/85°C)	+	/	/	+	+	o	+	-	-	-	-	/	-	-	-	-	/	
Sulphuric lime	Schwefelkalk	-	-	-	-	+	+	+	o	-	-	-	-	-	-	-	-	-	
Sulphurous acid	Schweflige Säure	+	/	/	+	+	+	+	o	-	-	-	+	-	-	-	-	+	
Sulphurous acid - aqueous	Schwefelige Säure - wässrig	-	+	-	-	-	+	+	o	+	-	-	+	-	+	+	o	-	
Table salt (sodium chloride)	Kochsalz (Natriumchlorid)	+	/	+	+	-	+	+	+	+	-	-	+	-	+	+	+	-	
Tall oil	Tallöl	+	+	+	+	-	/	-	/	+	-	-	-	-	+	+	+	-	
Tannic acid	Gerbsäure	+	+	+	+	+	/	+	/	+	+	+	+	+	+	+	+	+	
Tannin (tannic acid)	Tannin (Gerbsäure)	+	+	+	+	-	+	+	+	-	-	-	+	-	+	+	-	-	
Tar (bituminous)	Teer (bituminös)	+	+	+	+	+	o	+	/	-	-	-	+	-	-	-	-	-	
Tar oil, carbolineum	Teeröl, Carbolineum	+	+	+	+	+	o	+	+	-	-	-	-	-	-	-	-	-	
Tartaric acid, aqueous	Weinsäure, wässrig	+	/	/	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Terpineol	Terpineol	+	+	+	+	+	o	+	/	-	-	-	-	-	-	-	-	-	
Tertiary butyl alcohol	Tertiär-Butyl-Alkohol	+	+	+	+	+	/	+	/	-	-	-	-	-	-	-	-	-	
Tertiary butyl mercaptan	Tertiär-Butyl-Mercaptan	-	-	-	-	+	o	+	o	-	-	-	-	-	-	-	-	-	
Tetrabromomethane	Tetrabrommethan	-	-	-	-	+	o	+	o	-	-	-	-	-	-	-	-	-	
Tetrabutyltitanate	Tetrabutyltitanat	-	-	-	-	+	+	+	/	-	-	-	-	-	-	-	-	-	
Tetrachloroethane	Tetrachlorethan	+	/	+	+	o	o	+	o	+	+	+	/	o	+	o	+	o	
Tetrachloroethylene	Tetrachlorethylen	+	+	+	+	+	o	+	o	+	+	+	+	o	+	o	+	o	
Tetraethyl lead	Tetraethylblei	-	-	-	-	+	o	+	o	+	+	+	+	+	+	+	+	-	
Tetraethyl lead	Bleitetraethyl (Tetraethylblei)	-	+	-	-	-	/	+	/	+	-	-	+	-	+	+	+	-	
Tetrahydrofuran (THF)	Tetrahydrofuran (THF)	-	-	-	-	o	/	+	o	+	+	+	/	/	/	/	+	o	
Tetrahydronaphthalene (tetralin)	Tetrahydronaphthalin (Tetralin)	-	+	-	-	-	o	+	o	+	-	-	-	-	-	o	+	-	
Thinner	Verdünnung	+	+	+	+	-	-	-	+	+	+	-	+	+	+	+	/	-	
Thiophene - pure	Thiophen - rein	-	+	-	-	-	o	+	o	+	-	-	/	-	-	/	-	-	
Tin chloride	Zinnchlorid	+	o	/	+	+	+	+	+	-	-	-	-	-	-	-	-	+	
Tincture of iodine	Jodtinktur	+	/	-	-	-	/	/	/	+	-	-	/	-	+	/	o	-	
Titanium tetrachloride	Titantetrachlorid	-	-	-	-	+	o	+	/	-	-	-	-	-	-	-	-	-	
Toluene	Toluol	+	+	+	+	+	o	o	+	o	+	+	+	+	+	+	/	+	o
Toluene - pure	Toluol - rein	+	+	+	+	-	o	+	o	+	-	-	+	-	/	o	+	-	
Toluylene diisocyanate	Toluylendiisocyanat	-	-	-	-	o	/	+	o	-	-	-	-	-	-	-	-	-	
Transformer oil	Transformatorenöl	+	+	+	+	+	o	+	+	-	-	-	+	-	-	-	-	-	
Triacetin	Triacetin	-	-	-	-	o	+	+	/	-	-	-	-	-	-	-	-	-	
Triaryl phosphate	Triarylphosphat	-	-	-	-	+	+	+	o	-	-	-	-	-	-	-	-	-	
Tributoxyethylphosphate	Tributoxyethylphosphat	-	-	-	-	+	+	+	o	-	-	-	-	-	-	-	-	-	
Tributyl mercaptan	Tributylmercaptan	-	-	-	-	+	o	+	o	-	-	-	-	-	-	-	-	-	
Tributyl phosphate	Tributylphosphat	-	-	-	-	o	+	+	o	-	-	-	+	-	-	-	-	+	
Trichloroacetic acid	Trichloressigsäure	-	o	o	-	o	/	+	/	+	+	+	/	+	+	/	o	o	
Trichloroethane	Trichlorethan	+	+	+	+	+	o	+	o	-	-	-	+	-	-	-	-	/	
Trichloroethylene (tri)	Trichlorethylen (Tri)	+	/	/	-	+	o	+	o	+	+	+	+	+	+	o	+	o	
Tricresyl phosphate	Trikresylphosphat	-	+	-	-	-	o	+	o	+	-	-	/	-	o	/	+	-	
Triethanolamine	Triethanolamin	-	-	-	-	o	/	+	o	+	+	+	/	+	+	+	+	-	
Trinitrotoluol	Trinitrotoluol	+	-	-	-	/	o	+	o	-	-	-	-	-	-	-	-	-	
Trioctyl phosphate	Trioctylphosphat	-	-	-	-	o	+	+	o	-	-	-	-	-	-	-	-	/	
Tripolyphosphate	Tripolyphosphat	-	-	-	-	/	+	+	o	-	-	-	-	-	-	-	-	-	
Uranium hexafluoride	Uranhexafluorid	-	+	-	-	-	+	/	+	+	-	-	-	-	-	+	o	-	
Urea, aqueous	Harnstoff, wässrig	+	+	/	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
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	+	-	-	+	-	+	/	/	-	

+ resistant
/ partially resistant
o not resistant
- no information

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

Substance (EN)	Substanz (DE)	Sapphire ceramic®	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
Wood tar, wood oil (impregnating oil)	Holzteeer, 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	-	+	-	-	+	+	+	+	-	-	-	+	-	-	-	-	-