Substance (EN)

Substanz (DE)

- + **resistant** / **sehr gut beständig**
- / **partially resistant** / **bedingt beständig**
- o **not resistant** / **nicht beständig**
- – **no information** / **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
Acetaldehyde	Acetaldehyd	+	+	+	+	o	/	+	o	+	+	+	+	+	+	/	/	/
Acetamide	Acetamid	–	–	–	–	o	+	+	+	+	+	+	–	+	+	+	o	–
Acetic acid	Essigsäure	/	/	/	+	o	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	Essigsaures Kali	–	–	–	–	o	+	+	/	–	–	–	–	–	–	–	–	–
Acetic soda	Essigsaures Natron	–	–	–	–	o	+	+	/	–	–	–	–	–	–	–	–	–
Acetoacetate	Acetessigester	–	+	+	+	o	/	+	o	–	–	–	–	–	–	–	–	–
Acetone	Aceton	+	+	+	+	o	+	+	o	+	+	+	+	+	o	+	/	+
Acetophenone	Acetophenon	–	+	+	+	o	+	+	o	+	+	+	–	/	/	/	/	–
Acetyl chloride	Acetylchlorid	–	+	+	+	+	o	+	o	+	+	+	–	/	/	/	+	–
Acetylactone	Acetylaceton	–	+	+	+	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	Aluminumbromid	–	–	–	–	+	+	+	+	–	–	–	–	–	–	–	–	–
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 (Glykokoll)	–	+	–	–	–	+	–	/	+	–	–	–	–	+	+	/	–
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	Ammoniumfloursilikat - wässrig	–	+	–	–	–	+	+	+	+	–	–	–	–	–	+	/	–
Ammonium formate, aqueous	Ammoniumformiat - wässrig	–	+	–	–	–	+	+	+	+	–	–	–	–	–	+	+	–
Ammonium nitrate	Ammoniumnitrat	+	+	+	+	–	+	+	+	+	+	+	+	+	+	+	/	+
Ammonium oxalate, aqueous	Ammoniumoxalat - wässrig	–	+	–	–	–	+	+	+	+	–	–	–	–	–	+	/	–
Ammonium persulphate	Ammoniumpersulfat	+	/	–	+	–	+	+	o	+	+	+	–	+	+	+	o	–
Ammonium phosphate	Ammoniumphosphat	+	+	+	+	–	+	+	+	+	+	+	–	+	+	+	o	+
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	Amylchlornaphthalin	–	–	–	–	+	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	–	+	–	–	–	–	–	–	+	–	–	+	–	–	+	+	–
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	Arsentrichlorid - wässrig	–	/	–	–	–	+	+	+	+	–	–	–	–	–	+	o	–
Arsenious acid, aqueous	Arsenige Säure - wässrig	–	+	–	–	–	+	+	+	+	–	–	–	–	–	+	–	–

Substance (EN)

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

Substanz (DE)

- + 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
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)	Benzoesäure – wässrig (gesättigt)	+	+	–	–	–	+	+	+	+	–	–	+	–	+	+	o	–
Benzyl alcohol	Benzylalkohol	+	+	–	–	–	+	+	o	+	–	–	+	–	+	+	/	–
Benzyl butyl phthalate – aqueous	Benzylbutylphtalat – 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	+	–
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	Butylphtalat	–	+	–	–	–	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	–	–	–	–	–	–	–	–	–
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	Kalziumsulfit	–	–	–	–	+	+	+	+	–	–	–	–	–	–	–	–	–
Calcium thiosulphate	Kalziumthiosulfat	–	–	–	–	+	+	+	/	–	–	–	–	–	–	–	–	–
Campher oil	Champheröl	–	+	–	–	–	o	/	+	+	–	–	–	–	–	o	–	–
Caprylaldehyde (hexanal)	Caprylaldehyd (Hexanal)	–	–	–	–	o	/	+	–	–	–	–	–	–	–	–	–	–
Carbitol	Carbitol	–	–	–	–	/	/	+	/	–	–	–	–	–	–	–	–	–
Carbolic acid (phenol)	Carbolsäure (Phenol)	–	+	+	+	+	o	+	o	+	+	+	+	+	+	/	o	–
Carbolineum (creosote; pesticides)	Carbolineum (Teeröl; Pflanzenschutzmittel)	–	+	–	–	–	/	+	/	+	–	–	–	–	–	o	+	–

Substance (EN)

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

Substanz (DE)

- + 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
Carbon dioxide	Kohlendioxid	+	+	+	/	+	+	+	+	–	–	–	+	–	–	–	–	+
Carbon disulphide	Schwefelkohlenstoff	+	+	+	+	+	o	+	o	+	+	+	–	+	+	o	+	/
Carbon monoxide, dry	Kohlenmonoxid, trocken	–	+	+	/	+	+	+	+	–	–	–	–	–	–	–	–	–
Carbon tetrachloride	Tetrachlorkohlenstoff	+	+	+	+	+	o	+	o	+	+	+	+	+	+	/	o	o
Carbonic acid	Kohlensäure	+	+	+	/	+	+	+	+	+	+	+	–	+	+	+	+	+
Caro's acid – aqueous	Caro'sche Säure – wässrig	–	o	–	–	–	o	–	o	+	–	–	–	–	–	o	o	–
Castor oil	Rizinusöl	+	+	+	+	+	/	+	+	–	–	–	–	–	–	–	–	+
Caustic potash (50%)	Kalilauge (50%)	/	/	/	o	o	+	+	/	–	–	–	–	–	–	–	–	/
Caustic potash (max. 10%/85°C)	Kalilauge (max. 10%/85°C)	+	/	/	/	o	+	+	/	–	–	–	–	–	–	–	–	+
Caustic soda (max. 10%/85°C)	Natronlauge (max. 10%/85°C)	+	+	+	+	o	+	+	/	+	–	+	–	–	/	–	–	+
Caustic solution	Beizlösung	+	+	+	–	/	o	+	o	–	–	–	–	–	–	–	–	–
Cellosolve (glycol ethyl ether)	Cellosolve (Glykolethylether)	–	+	–	–	–	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	+	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	Chloraceton	+	–	–	–	o	+	+	o	–	–	–	–	–	–	–	–	–
Chlorobenzene	Chlorbenzol	+	/	+	+	+	o	+	o	+	+	+	+	+	+	/	+	o
Chlorobutadiene (chloroprene)	Chlorbutadien (Chloropren)	+	+	+	–	+	o	+	o	–	–	–	–	–	–	–	–	–
Chlorodiphenyl	Chlordiphenyl	–	+	–	–	–	/	–	+	+	–	–	–	–	–	+	–	–
Chloroethanol (ethylene chlorohydrin)	Chlorethanol (Ethylenchlorhydrin)	–	+	–	–	–	o	+	o	+	–	–	/	–	+	+	/	–
Chloroform (trichlormethane)	Chloroform (Trichlormethan)	+	+	/	+	+	o	+	o	+	+	+	–	/	+	+	/	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
Chloroxylenol	Chlorxylenol	–	+	–	–	–	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	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	+	+	–	–	–	–	–	–	–	–	+
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	Baumwollsamenöl	+	+	–	–	–	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	–	+	–	–	+	/	+	+	–	–	–	–	–	–	–	–	–

Substance (EN)

+ resistant
/ partially resistant
o not resistant
– no information

Substanz (DE)

+ 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
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	–	–	–	–	–	–	–	–	–
Dichlordiisopropylether	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	Dieselkraftstoff	+	+	+	+	+	o	+	+	+	+	+	–	+	+	+	+	/
Diesel oil	Dieselöl	+	+	–	–	–	o	+	/	+	–	–	+	–	+	/	+	–
Diethyl ether (ether)	Diethylether (Ether)	–	+	–	–	–	o	+	o	+	–	–	+	–	+	o	+	–
Diethyl sebacate	Diethylsebacat	–	–	–	–	+	+	+	o	–	–	–	–	–	–	–	–	–
Diethylamine	Diethylamin	–	–	–	–	o	o	+	o	+	+	+	+	+	o	+	+	–
Diethylenglycol	Diethylenglykol	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	–
Difluoro-dibromomethane	Difluordibrommethan	–	–	–	–	–	/	–	o	–	–	–	–	–	–	–	–	–
Diisobutyl ketone	Diisobutylketon	+	+	+	+	o	+	+	o	+	+	+	–	/	o	/	+	/
Diisobutylene	Diisobutylen	–	+	+	+	+	o	+	/	–	–	–	–	–	–	–	–	–
Diisooctyl sebacate	Diisooctylsebacat	–	–	–	–	/	o	+	o	–	–	–	–	–	–	–	–	–
Diisopropyl ketone	Diisopropylketon	+	+	+	+	o	+	+	o	–	–	–	–	–	–	–	–	–
Dimethyl formamide (DMF)	Dimethylformamid (DMF)	–	–	–	–	o	+	+	o	+	+	+	+	/	o	+	/	/
Dimethyl hydrazine	Dimethylhydrazin	–	–	–	–	o	+	+	o	–	–	–	–	–	–	–	–	–
Dimethyl phthalate	Dimethylphthalat	–	–	–	–	/	/	+	o	–	–	–	–	–	–	–	–	+
Dimethyl sulfoxide (DMSO)	Dimethylsulfoxid (DMSO)	–	–	–	–	–	–	+	–	+	–	–	/	–	o	–	/	–
Dimethylamine	Dimethylamin	–	+	–	–	–	/	+	o	+	–	–	–	–	o	/	o	–
Dimethylether (methyl ether)	Dimethylether (Methylether)	–	+	+	+	+	+	+	+	+	+	+	–	+	+	o	+	+
Dinitrogen monoxide (laughing gas, nitrous oxide)	Distickstoffmonoxyd (Lachgas, Stickoxydul)	–	+	–	–	–	+	+	+	+	–	–	+	–	+	+	+	–
Dinitrotoluol	Dinitrotoluol	–	–	–	–	o	o	+	o	–	–	–	–	–	–	–	–	–
Dioctyl phthalate (DOP)	Dioctylphthalat (DOP)	–	–	–	–	+	+	+	o	–	–	–	–	–	–	–	–	/
Dioctyl sebacate (DOS)	Dioctylsebacat (DOS)	–	–	–	–	+	+	+	o	–	–	–	–	–	–	–	–	–
Dioxane	Dioxan	+	+	+	+	o	/	+	o	+	+	+	+	+	o	/	+	+
Dioxolane	Dioxolan	–	–	–	–	o	/	+	o	–	–	–	–	–	–	–	–	–
Diphenyl	Diphenyl	+	+	+	+	+	o	+	o	–	–	–	–	–	–	–	–	–
Diphenyl ether	Diphenylether	–	–	–	–	+	o	+	o	+	+	+	–	+	+	o	+	+
Dissousgas (acetylene + acetone)	Dissousgas (Acetylen + Aceton)	–	+	–	–	–	+	–	o	+	–	–	–	–	–	/	+	–
Dodecyl alcohol	Dodecylalkohol	+	+	+	–	+	+	+	+	–	–	–	–	–	–	–	–	–
Drilling fluids (cutting oils)	Bohröle (Schneidöle)	–	+	–	–	–	o	+	/	+	–	–	–	–	–	/	/	–
Dyeing wetting agents (nekal BX)	Färbereinetzmittel (Nekal BX)	–	+	–	–	–	+	–	+	+	–	–	–	–	–	+	–	–
Edible oil	Speiseöl	–	+	–	–	–	o	+	/	+	–	–	+	–	+	/	+	–
Epichlorohydrin	Epichlorhydrin	–	–	–	–	o	o	+	o	–	–	–	–	–	–	–	–	–
Epoxide resin	Epoxidharze	+	+	+	+	o	+	+	–	–	–	–	–	–	–	–	–	+
Ethane	Ethan	+	+	+	+	+	o	+	+	–	–	–	+	–	–	–	–	–
Ethanol (ethyl alcohol)	Ethanol (Ethylalkohol)	+	+	+	+	o	+	+	+	+	+	+	+	+	+	/	o	+
Ethanolamine (colamine)	Ethanolamin (Colamin)	–	–	–	–	o	/	o	/	–	–	–	–	–	–	–	–	–
Ether	Äther	+	–	–	–	–	–	–	–	+	+	+	–	+	+	+	+	–
Ether (Diethyl ether)	Ether (Diethylether)	+	+	–	–	–	o	+	o	+	–	–	+	–	+	o	+	–
Ethereal oils	Ätherische Öle	–	+	–	–	–	o	+	o	+	–	–	–	–	–	o	o	–
Ethyl acetate	Ethylacetat	+	–	–	–	o	/	+	o	+	+	+	+	+	o	/	+	–
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	+	+	–	–	–	–	–	–	–	–	–

Substance (EN)

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

Substanz (DE)

- + 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
Ethylene chloride	Ethylenchlorid	–	–	–	–	/	o	+	o	–	–	–	–	–	–	–	–	–
Ethylene chlorohydrine	Ethylenchlorhydrin	–	–	–	–	+	/	+	o	+	+	+	–	+	+	/	o	–
Ethylene diamine	Ethylendiamin	–	–	–	–	o	+	o	+	+	+	+	–	+	+	+	o	–
Ethylene dibromide	Ethylendibromid	–	–	–	–	+	o	+	o	–	–	–	–	–	–	–	–	–
Ethylene dichloride	Ethylendichlorid	–	–	–	–	+	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	–
Exhaust gases – containing hydrogen fluoride	Abgase – fluorwasserstoffhaltig	–	/	–	–	–	+	+	+	+	–	–	o	–	+	+	/	–
Exhaust gases – containing nitrous compounds	Abgase – nitrosehaltig	–	+	–	–	–	+	+	/	+	–	–	+	–	+	+	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 moist)	Abgase – schwefelsäurehaltig – (Schwefeltrioxid feucht)	–	+	–	–	–	+	+	/	+	–	–	o	–	+	+	o	–
Fats, fatty oils	Fette, fette Öle	–	+	–	–	–	o	+	/	+	–	–	+	–	+	/	+	–
Fatty acids	Fettsäuren	+	+	+	+	+	o	+	/	+	+	+	+	+	+	+	+	/
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	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	+	–
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 (furanaldehyde)	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	Haarschampoo	–	+	–	–	–	/	–	/	+	–	–	–	–	–	/	+	–
Helium	Helium	+	+	+	+	+	+	+	+	–	–	–	–	–	–	–	–	+
Heptane	Heptan	+	/	/	+	+	o	+	+	+	+	+	+	+	+	/	+	/
Hexaldehyde	Hexaldehyd	–	–	–	–	o	+	+	o	–	–	–	–	–	–	–	–	–
Hexamethylenetetramine - aqueous	Hexamethylentetramin – wässrig	–	+	–	–	–	+	+	+	+	–	–	–	–	–	+	+	–
Hexane	Hexan	+	+	+	+	+	o	+	+	+	+	+	–	+	+	/	+	/
Hexyl alcohol	Hexylalkohol	+	+	+	+	+	o	+	+	+	+	+	–	+	+	+	/	+
Humic acids	Huminsäuren	–	+	–	–	–	+	–	+	+	–	–	–	–	–	+	o	–
Hydraulic fluid (water in oil, HSB)	Hydraulikfl. (Wasser in Öl, HSB)	–	+	–	–	–	o	+	/	+	–	–	–	–	–	+	+	–

Substance (EN)

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

Substanz (DE)

- + 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
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	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	+	+	/	+	+	+	+	+	–	–	–	+	–	–	–	–	+
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	+	o	+	+	+	–	+	+	/	+	–
Isopropyl chloride	Isopropylchlorid	–	–	–	–	+	o	+	o	–	–	–	–	–	–	–	–	–
Isopropyl ether	Isopropylether	+	+	+	+	o	o	+	/	+	+	+	–	+	+	o	+	o
Kerosene	Kerosin , Flugbenzin	+	+	+	–	+	o	+	+	+	+	+	+	/	+	/	+	+
Lacquer solvent	Lacklösungsmittel	+	+	+	+	o	o	+	o	–	–	–	–	–	–	–	–	–
Lacquers	Lacke	+	+	+	+	+	o	+	/	–	–	–	+	–	–	–	–	–
Lactam amino acid	Lactam-Aminosäuren	–	–	–	–	o	/	+	o	–	–	–	–	–	–	–	–	–
Lactic acid, cold	Milchsäure, kalt	+	+	/	+	+	+	+	–	+	+	+	–	+	+	+	/	+
Lactic acid, hot	Milchsäure, heiß	+	/	/	+	+	o	+	o	+	+	+	–	+	+	+	/	+
Laughing gas	Lachgas	+	+	+	+	+	/	+	+	+	+	+	–	+	+	+	+	+
Lavender oil	Lavendelöl	+	+	+	+	+	o	+	o	–	–	–	–	–	–	–	–	+
Lead acetate – aqueous	Bleiacetat – wässrig	+	+	–	–	–	+	+	/	+	–	–	+	–	+	+	+	–
Lead nitrate – aqueous	Bleinitrat – 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)	–	–	–	–	+	o	+	+	–	–	–	–	–	–	–	–	–
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	+

Substance (EN) | **Substanz (DE)**

+ **resistant** / **sehr gut beständig**
/ **partially resistant** / **bedingt beständig**
o **not resistant** / **nicht beständig**
– **no information** / **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
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	Methylendichlorid	–	–	–	–	/	o	+	o	–	–	–	–	–	–	–	–	–
Milk	Milch	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mineral oil	Mineralöl	+	+	+	+	+	o	+	+	+	+	+	+	+	+	+	+	/
Mineral water	Mineralwasser	–	/	–	–	–	+	–	+	+	–	–	+	–	+	+	+	–
Molasses, molasses flavouring	Melasse, Melassewürze	–	+	–	–	–	+	+	+	+	–	–	+	–	+	+	+	–
Mono bromobenzene	Monobrombenzol	+	–	–	–	+	o	+	o	–	–	–	–	–	–	–	–	o
Mono methyl aniline	Monomethylanilin	+	–	–	–	/	–	+	o	–	–	–	–	–	–	–	–	–
Mono methylhydrazine	Monomethylhydrazin	–	–	–	–	–	+	+	/	–	–	–	–	–	–	–	–	–
Mono nitrotoluol	Mononitrotoluol	–	–	–	–	o	o	+	o	–	–	–	–	–	–	–	–	–
Mono vinylacetylene	Monovinylacetylen	–	–	–	–	+	+	+	+	–	–	–	–	–	–	–	–	–
Monoethanolamine	Monoethanolamin	–	–	–	–	o	/	+	o	–	–	–	–	–	–	–	–	+
Morpholine - pure	Morpholin – rein	–	+	–	–	–	/	/	o	+	–	–	–	–	+	+	–	–
Naphtalene	Naphthalin	+	+	+	+	+	o	+	o	–	–	–	+	–	–	–	–	/
Naphtenic acid	Naphthensäuren	+	+	+	+	+	o	+	/	–	–	–	–	–	–	–	–	–
Naptha	Naptha	–	–	–	–	+	o	+	/	+	+	+	+	/	+	/	+	+
Natural gas	Erdgas	+	+	+	+	+	o	+	+	–	–	–	–	–	–	–	–	+
Neatsfoot oil	Knochenöl	–	+	–	–	–	o	+	/	+	–	–	–	–	–	+	+	–
Nekal BX – aqueous (dyeing wetting agent)	Nekal BX – wässrig (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	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

Substance (EN)

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

Substanz (DE)

- + 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
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 benzine, 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)	Kiefernnadelöl (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 (essigsaures 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	o	o	+	+	+	–	/	/	+	+	–
Protein solutions	Eiweißlösungen	–	+	–	–	–	+	–	+	+	–	–	–	–	–	+	+	–
Pydraul-A 150	Pydraul-A 150	–	+	–	–	–	/	–	o	+	–	–	–	–	–	–	+	–
Pydraul-A 200	Pydraul-A 200	–	+	–	–	–	/	–	o	+	–	–	–	–	–	–	+	–
Pydraul-AG	Pydraul-AG	–	+	–	–	–	+	–	o	+	–	–	–	–	–	–	+	–

Substance (EN)

+ resistant
/ partially resistant
o not resistant
– no information

Substanz (DE)

+ 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
Pydraul-F-9	Pydraul-F-9	–	+	–	–	–	+	–	o	+	–	–	–	–	–	–	o	–
Pyranol	Pyranol	+	+	+	+	+	o	+	+	–	–	–	–	–	–	–	–	–
Pyridine	Pyridin	+	+	+	+	o	/	+	o	+	+	+	+	/	o	+	o	/
Pyroligneous acid	Holzessig	–	–	–	–	o	/	+	o	–	–	–	–	–	–	–	–	–
Pyrrole	Pyrrol	–	–	–	–	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	Silicatester	–	–	–	–	+	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	–	+	–	–	–	+	+	+	+	–	–	–	–	+	+	+	–
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	Natriumchloracetate	–	+	–	–	–	+	+	+	+	–	–	–	–	–	+	–	–
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)	Chlorbleichlauge (max.10%/85°C)	+	/	o	+	+	/	+	/	–	–	–	–	–	–	–	–	o
Sodium hypochlorite (chlorine bleach) – aqueous	Natriumhypochlorit (Chlorbleichlauge) – wässrig	+	/	–	–	–	+	+	o	+	–	–	+	–	/	/	o	–
Sodium iodide – aqueous	Natriumjodid – wässrig	–	/	–	–	–	+	+	+	+	–	–	–	–	+	+	–	–
Sodium mercaptobenzothiazole	Natriummercaptobenzthiazol	–	+	–	–	–	/	+	/	+	–	–	–	–	–	+	–	–
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

Substance (EN)

Substanz (DE)

- + resistant / sehr gut beständig
- / partially resistant / bedingt beständig
- o not resistant / nicht beständig
- – no information / 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
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	o
Sulphur hexafluoride (SF6)	Schwefelhexafluorid (SF6)	–	–	–	–	+	+	+	+	–	–	–	+	–	–	–	–	–
Sulphur lye	Schwefellauge	–	–	–	–	+	/	+	/	–	–	–	–	–	–	–	–	–
Sulphur trioxide, dry	Schwefeltrioxid, trocken	–	–	–	–	+	/	+	o	–	–	–	+	–	–	–	–	o
Sulphur, molten	Schwefel, geschmolzen	–	–	–	–	+	o	+	o	–	–	–	–	–	–	–	–	–
Sulphuric acid	Schwefelsäure	o	o	o	+	+	o	+	o	+	+	+	–	+	+	/	o	+
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)	Tetrahydronaphtalin (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	–	–	–	–	–	–	–	–	+	+	+	–	+	+	+	+	–

Substance (EN)

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

Substanz (DE)

- + **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
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)	Holzteer, 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	–	+	–	–	+	+	+	+	–	–	–	+	–	–	–	–	–