

Substance (EN)

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

Substance (EN)	Substance (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	+	+	+	+
Acetic acid (max. 6%/85°C)	Essigsäure (max.6%/85°C)	+	+	+	+	o	+	+	-	-	-	-	-	-	-	-	-	+
Acetic anhydride	Essigsäureanhydrid	-	-	-	-	o	+	+	o	+	+	+	-	+	o	/	o	/
Acetic potassium	Essigsäures Kali	-	-	-	-	o	+	+	/	-	-	-	-	-	-	-	-	-
Acetic soda	Essigsäures Natron	-	-	-	-	o	+	+	/	-	-	-	-	-	-	-	-	-
Acetoacetate	Acetessigester	-	+	+	+	o	/	+	o	-	-	-	-	-	-	-	-	-
Acetone	Aceton	+	+	+	+	o	+	+	o	+	+	+	+	+	+	o	+	/
Acetophenone	Acetophenon	-	+	+	+	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 (Glykokoll)	-	+	-	-	-	+	-	/	+	-	-	-	-	+	+	/	-
Ammonia	Ammoniak	+	+	/	+	o	o	o	o	+	+	+	+	+	+	+	+	/
Ammonia solution	Ammoniaklösung	-	-	-	-	-	-	-	+	+	+	-	+	+	+	+	/	-
Ammonia solution (ammonia – water)	Salmiakgeist (Ammoniak – Wasser)	-	+	-	-	-	+	+	o	+	-	-	+	-	+	+	+	-
Ammonia water	Gaswasser	-	+	-	-	-	o	-	+	+	-	-	-	-	-	-	-	-
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	+	+	+	+	-	+	+	+	+	+	+	-	+	+	+	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	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	/
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	+	-
Anthraquinonesulfonic acid - aqueous	Anthrachinonsulfonsäure - wässrig	-	/	-	-	-	+	+	/	+	-	-	-	-	-	+	/	-
Antifreeze, automotive	Frostschutzmittel KFZ	-	-	-	-	-	+	+	/	+	-	+	+	+	+	+	+	-
Antifrogen-N	Antifrogen-N	-	+	-	-	-	+	+	+	-	-	-	-	-	-	-	+	+
Antimony chloride - aqueous	Antimonchlorid - wässrig	-	o	-	-	-	+	+	/	+	-	-	+	-	+	+	o	-
Apple juice, applesauce	Apfelsaft, Apfelmus	-	+	-	-	-	-	-	-	+	-	-	+	-	+	+	-	-
Apricot juice	Aprikosensaft	-	+	-	-	-	-	-	-	+	-	-	+	-	+	+	-	-
Aqua regia	Königswasser	-	o	o	+	o	o	/	o	+	+	+	-	+	/	o	o	o
Arabic acid - aqueous	Arabinsäure - wässrig	-	+	-	-	-	+	+	+	+	-	-	-	-	-	+	-	-
Argon	Argon	+	+	+	+	+	+	+	+	-	-	-	-	-	-	-	-	+
Arsenic acid, aqueous	Arsensäure, wässrig	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	/
Arsenic trichloride - aqueous	Arsenrichlorid - wässrig	-	/	-	-	-	+	+	+	+	-	-	-	-	-	+	o	-
Arsenious acid, aqueous	Arsenige Säure - wässrig	-	+	-	-	-	+	+	+	+	-	-	-	-	-	+	-	-
Ascorbic acid - aqueous	Ascorbinsäure - wässrig	-	-	-	-	-	+	+	+	+	-	-	-	-	-	+	-	-
Aspartic acid - aqueous	Asparginsäure - wässrig	-	+	-	-	-	+	+	+	+	-	-	-	-	-	+	+	-
Asphalt	Asphalt	+	+	+	+	+	o	+	/	+	+	+	-	+	+	/	+	-
ASTM fuel A	ASTM-Kraftstoff A	-	+	-	-	-	o	+	/	+	-	-	-	-	-	/	+	-
ASTM fuel B	ASTM-Kraftstoff B	-	+	-	-	-	o	+	/	+	-	-	-	-	-	/	+	-

Substance (EN)

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

		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
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	-	+	+	-	-
Benzenidine sulfonic acids - aqueous	Benzydinsulfonsäuren - wässrig	-	+	-	-	-	+	+	+	+	-	-	-	-	-	+	+	-
Benzoic acid - aqueous (saturated)	Benzoessäure - wässrig (gesättigt)	-	+	-	-	-	+	+	+	+	-	-	+	-	+	+	o	-
Benzyl alcohol	Benzylalkohol	-	+	-	-	-	+	+	o	+	-	-	+	-	+	+	/	-
Benzyl butyl phthalate - aqueous	Benzylbutylphthalat - wässrig	-	+	-	-	-	o	+	o	+	-	-	-	-	-	/	+	-
Bergamot oil	Bergamottöl	-	+	-	-	-	o	-	o	+	-	-	-	-	-	o	o	-
Bisulfite (sodium bisulfite) - aqueous	Bisulfit (Natriumbisulfit) - wässrig	-	+	-	-	-	+	+	/	+	-	-	+	-	+	+	/	-
Bitumen	Bitumen	-	-	-	-	-	-	-	+	+	+	+	+	+	+	+	/	+
Black liquor	Schwarzlauge	-	-	-	-	+	/	+	/	-	-	-	-	-	-	-	-	-
Blast furnace gas	Hochofengas	-	-	-	-	+	o	+	o	-	-	-	-	-	-	-	-	-
Borax - aqueous	Borax - wässrig	-	+	-	-	-	+	+	+	+	-	-	+	-	+	+	+	-
Boric acid - aqueous	Borsäure - wässrig	-	+	-	-	-	+	+	+	+	-	-	/	-	+	/	o	-
Brine (cooling brine)	Sole (Kühlsolen)	-	/	-	-	-	+	+	+	+	-	-	-	-	+	+	+	-
Bromine (liquid)	Brom (flüssig)	-	/	-	-	-	o	+	o	+	-	-	o	-	+	o	o	-
Bromochloromethane	Chlorbrommethan	+	+	+	+	+	/	+	o	-	-	-	-	-	-	-	-	-
Butadiene (gaseous)	Butadien (gasförmig)	-	+	-	-	-	/	+	/	+	-	-	-	-	+	+	+	-
Butane (gaseous and liquid)	Butan (gasförmig und flüssig)	-	+	-	-	-	o	+	+	+	-	-	+	-	o	o	+	-
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	-	-	-	-	-	-	-	-	-
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	+	-
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	+	+	+	/	-	-	-	-	-	-	-	-	/
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	-	-	-	-	-	-	-	-	-

Substance (EN)

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

Substance (EN)	Substance (EN)	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
Cellosolve (glycol ethyl ether)	Cellosolve (Glykoethylether)	-	+	-	-	-	-	o	+	o	+	-	-	-	-	+	o	+	-
Cellulose lacquers	Celluloselacke	-	+	-	-	-	-	/	+	+	+	-	-	-	-	-	-	-	-
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	Chloracetone	+	-	-	-	-	-	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
Chloroxyleneol	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	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	Baumwollsamensöl	-	+	-	-	-	-	o	+	/	+	-	-	-	-	+	o	-	-
Creosol (methylcatechol)	Kreosol (Methylbrenzcatechin)	-	+	+	+	+	+	o	+	+	o	-	-	-	-	-	-	-	+
Crude oil	Erdöl	+	+	+	+	+	+	o	+	+	+	+	+	-	/	+	/	+	o
Cyclanone (fatty alcohol sulfonate)	Cyclanone (Fetalkoholsulfonat)	-	+	-	-	-	-	+	-	+	+	-	-	-	-	-	-	-	+
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	-	-	-	-	-	-	-	-

Substance (EN)

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

Substance (EN)	Substance (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
Dicyclohexylammonium nitrite	Dicyclohexylammoniumnitrit	-	+	-	-	-	+	+	+	+	-	-	-	-	-	-	-	-
Diesel fuel	Dieselmotorenöl	+	+	+	+	+	o	+	+	+	+	+	+	+	+	+	+	/
Diesel oil	Dieselmotorenöl	-	+	-	-	-	o	+	/	+	+	+	+	+	+	/	+	-
Diethyl ether (ether)	Diethylether (Ether)	-	+	-	-	-	o	+	o	+	-	-	+	-	+	o	+	-
Diethyl sebacate	Diethylsebacat	-	-	-	-	-	+	+	+	o	-	-	-	-	-	-	-	-
Diethylamine	Diethylamin	-	-	-	-	-	o	+	o	+	+	+	+	+	o	+	+	-
Diethyleneglycol	Diethyleneglykol	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-
Difluoro-dibromomethane	Difluordibrommethan	-	-	-	-	-	/	-	o	-	-	-	-	-	-	-	-	-
Diisobutyl ketone	Diisobutylketon	+	+	+	+	+	o	+	+	+	+	+	-	/	o	/	+	/
Diisobutylene	Diisobutylen	-	+	+	+	+	+	+	/	-	-	-	-	-	-	-	-	-
Diisooctyl sebacate	Diisooctylsebacat	-	-	-	-	-	/	o	+	o	-	-	-	-	-	-	-	-
Diisopropyl ketone	Diisopropylketon	+	+	+	+	+	o	+	+	o	-	-	-	-	-	-	-	-
Dimethyl formamide (DMF)	Dimethylformamid (DMF)	-	-	-	-	-	o	+	+	+	+	+	+	/	o	+	/	/
Dimethyl hydrazine	Dimethylhydrazin	-	-	-	-	-	o	+	+	o	-	-	-	-	-	-	-	-
Dimethyl phthalate	Dimethylphthalat	-	-	-	-	-	/	/	+	o	-	-	-	-	-	-	-	+
Dimethyl sulfoxide (DMSO)	Dimethylsulfoxid (DMSO)	-	-	-	-	-	-	-	+	-	-	-	/	-	o	-	/	-
Dimethylamine	Dimethylamin	-	+	-	-	-	/	+	+	+	-	-	-	-	o	/	o	-
Dimethylether (methyl ether)	Dimethylether (Methylether)	-	+	+	+	+	+	+	+	+	+	+	-	+	+	o	+	+
Dinitrogen monoxide (laughing gas, nitrous oxide)	Distickstoffmonoxid (Lachgas, Stickoxydul)	-	+	-	-	-	+	+	+	+	-	-	+	-	+	+	+	-
Dinitrotoluol	Dinitrotoluol	-	-	-	-	-	o	+	+	o	-	-	-	-	-	-	-	-
Diocetyl phthalate (DOP)	Diocetylphthalat (DOP)	-	-	-	-	-	+	+	+	o	-	-	-	-	-	-	-	/
Diocetyl sebacate (DOS)	Diocetylsebacat (DOS)	-	-	-	-	-	+	+	+	o	-	-	-	-	-	-	-	-
Dioxane	Dioxan	-	+	+	+	+	o	/	+	+	+	+	+	+	+	o	/	+
Dioxolane	Dioxolan	-	-	-	-	-	o	/	+	+	+	-	-	-	-	-	-	-
Diphenyl	Diphenyl	-	+	+	+	+	+	+	+	+	-	-	-	-	-	-	-	-
Diphenyl ether	Diphenylether	-	-	-	-	-	+	o	+	+	+	+	-	+	+	o	+	+
Dissousgas (acetylene + acetone)	Dissousgas (Acetylen + Aceton)	-	+	-	-	-	-	+	+	+	-	-	-	-	-	/	+	-
Dodecyl alcohol	Dodecylalkohol	+	+	+	-	-	+	+	+	+	-	-	-	-	-	-	-	-
Drilling fluids (cutting oils)	Bohröle (Schneidöle)	-	+	-	-	-	o	+	/	+	-	-	-	-	-	/	/	-
Dyeing wetting agents (nekal BX)	Färbereizmittel (Nekal BX)	-	+	-	-	-	+	+	+	+	-	-	-	-	-	+	+	-
Edible oil	Speiseöl	-	+	-	-	-	o	+	+	+	-	-	+	-	+	/	+	-
Epichlorohydrin	Epichlorhydrin	-	-	-	-	-	o	+	+	+	-	-	-	-	-	-	-	-
Epoxide resin	Epoxidharze	+	+	+	+	+	o	+	+	-	-	-	-	-	-	-	-	+
Ethane	Ethan	+	+	+	+	+	+	+	+	+	-	-	+	-	-	-	-	-
Ethanol (ethyl alcohol)	Ethanol (Ethylalkohol)	+	+	+	+	+	+	+	+	+	+	+	+	+	+	/	o	+
Ethanolamine (colamine)	Ethanolamin (Colamin)	-	-	-	-	-	o	/	o	/	-	-	-	-	-	-	-	-
Ether	Äther	-	-	-	-	-	-	-	-	+	+	+	-	+	+	+	+	-
Ether (Diethyl ether)	Ether (Diethylether)	-	+	-	-	-	o	+	+	+	-	-	+	-	+	+	+	-
Ethereal oils	Ätherische Öle	-	+	-	-	-	o	+	+	+	-	-	-	-	-	o	o	-
Ethyl acetate	Ethylacetat	+	-	-	-	-	o	/	+	+	+	+	+	+	+	o	/	+
Ethyl acetate	Essigester (Ethylacetat)	-	+	-	-	-	/	/	+	+	-	-	+	-	/	o	/	-
Ethyl acrylate	Acrylsäureethylester	-	-	-	-	-	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	-	-	-	-	-	+	+	+	+	+	+	+	/	/	/	+	-
Ethyl benzoate	Ethylbenzoat	-	-	-	-	-	+	+	+	+	-	-	-	-	-	-	-	-
Ethyl bromide	Ethylbromid	-	-	-	-	-	+	+	+	/	-	-	-	-	-	-	-	-
Ethyl bromide - anhydrous	Ethylenbromid - wasserfrei	-	+	-	-	-	o	+	+	+	-	-	o	-	+	+	+	-
Ethyl cellulose	Ethylcellulose	-	-	-	-	-	o	/	+	/	-	-	-	-	-	-	-	-
Ethyl chloride	Ethylchlorid	+	-	-	-	-	+	+	+	+	+	+	-	+	+	+	+	/
Ethyl cyclopentane	Ethylcyclopentan	-	-	-	-	-	+	+	+	+	-	-	-	-	-	-	-	-
Ethyl ether	Ethylether	-	-	-	-	-	o	+	+	+	+	+	+	+	+	+	+	+
Ethyl formate	Ethylformiat	-	+	-	-	-	/	+	+	+	-	-	-	-	+	/	+	-
Ethyl mercaptane	Ethylmercaptan	-	-	-	-	-	/	-	+	+	-	-	-	-	-	-	-	-
Ethyl pentachloride benzene	Ethylpentachlorbenzol	-	-	-	-	-	+	+	+	+	-	-	-	-	-	-	-	-
Ethyl silicate	Ethylsilikat	-	-	-	-	-	+	+	+	+	-	-	-	-	-	-	-	-
Ethylene	Ethylen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Ethylene chloride	Ethylenchlorid	-	-	-	-	-	/	+	+	+	-	-	-	-	-	-	-	-
Ethylene chlorohydrine	Ethylenchlorhydrin	-	-	-	-	-	+	/	+	+	+	+	+	+	+	/	o	-
Ethylene diamine	Ethylendiamin	-	-	-	-	-	o	+	+	+	+	+	-	+	+	+	+	o
Ethylene dibromide	Ethylen dibromid	-	-	-	-	-	+	+	+	+	-	-	-	-	-	-	-	-
Ethylene dichloride	Ethylen dichlorid	-	-	-	-	-	+	+	+	+	-	-	-	-	-	-	-	-
Ethylene glycol	Ethylen glykol	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Ethylene oxide	Ethylenoxid	-	-	-	-	-	o	+	+	+	+	+	+	+	+	+	+	+
Exhaust gases – containing carbon dioxide	Abgase – kohlendioxidhaltig	-	/	-	-	-	-	+	+	+	+	-	o	-	+	+	+	-
Exhaust gases – containing carbon monoxide	Abgase – kohlenmonoxidhaltig	-	+	-	-	-	+	+	+	+	-	-	+	-	+	+	+	+
Exhaust gases – containing hydrochloric acid	Abgase – salzsäurehaltig	-	/	-	-	-	-	+	+	+	+	-	/	-	+	+	+	+
Exhaust gases – containing hydrogen fluoride	Abgase – fluorwasserstoffhaltig	-	/	-	-	-	-	+	+	+	+	-	o	-	+	+	+	-
Exhaust gases – containing nitrous compounds	Abgase – nitroreihaltig	-	+	-	-	-	-	+	+	/	+	-	-	+	+	+	+	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 m	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	-

Substance (EN)

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

Substance (EN)	Substance (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
Fluorine (wet)	Fluor (feucht)	-	/	-	-	-	o	o	o	/	-	-	o	-	o	o	o	-
Fluoroboric acid	Borfluorwasserstoffsäure (Fluorborssäure)	-	o	-	-	-	+	/	+	+	-	-	-	-	+	+	+	o
Fluoroboric acid	Fluorborssäure (Borfluorwasserstoffsäure)	-	o	-	-	-	+	/	+	+	-	-	-	-	+	+	+	o
Fluorocarbons (Freon)	Fluorkohlenstoffe (Frigen)	-	-	-	-	-	+	+	/	+	+	+	+	+	/	-	+	-
Fluorosilicic acid	Fluorkieselsäure	-	-	-	-	+	+	+	/	+	+	+	+	+	+	+	+	+
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	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Fuel oil, light	Heizöl, leicht	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	/
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	Haarschampoo	-	+	-	-	-	/	-	/	+	-	-	-	-	-	/	+	-
Helium	Helium	+	+	+	+	+	+	+	+	-	-	-	-	-	-	-	-	+
Heptane	Heptan	+	/	/	+	+	+	+	+	+	+	+	+	+	+	+	/	/
Hexaldehyde	Hexaldehyd	-	-	-	-	o	+	+	o	-	-	-	-	-	-	-	-	-
Hexamethylenetetramine - aqueous	Hexamethylentetramin – wässrig	-	+	-	-	-	+	+	+	+	-	-	-	-	+	+	-	-
Hexane	Hexan	+	+	+	+	+	+	+	+	+	+	+	+	+	+	/	+	/
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	-	-
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	+	+	+	+	+	+	+	+	+	+	+	+	+	+
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	-	/	/	+	+	+	+	+	+	+	+	+	+	+	+	+	+
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	+	+	+	-	+	+	+	+
Isododecane	Isododecan	+	+	+	+	+	+	+	+	+	-	-	-	-	-	-	-	-
Isooctane	Isooctan	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Isooctanol	Isooctanol	-	-	-	-	-	+	+	+	+	-	-	-	-	-	-	-	-
Isophorone	Isophoron	-	-	-	-	o	+	+	o	-	-	-	-	-	-	-	-	-
Isopropanol	Isopropanol	+	+	+	+	+	+	+	+	/	+	+	+	+	+	+	+	/

Substance (EN)

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

Substance (EN)	Substance	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
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	+	+	+	+	+	+	+	/	-	-	-	+	-	-	-	-	-
Lactam amino acid	Lactam-Aminosäuren	-	-	-	-	o	/	+	o	-	-	-	-	-	-	-	-	-
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	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	+
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	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	/
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	-	-	-	-	-	-	-	-	-

Substance (EN)

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

		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	
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 tetroxide	Stickstofftetroxid	-	-	-	-	o	o	+	o	-	-	-	-	-	-	-	-	-	
Nitromethane	Nitromethan	+	-	-	-	o	/	+	+	+	+	+	+	+	+	/	/	-	
Nitropropane	Nitropropan	+	-	-	-	o	/	+	+	+	+	+	+	+	+	+	+	-	
Nitrotoluene (o-, m-, p) - pure	Nitrotoluole (o-, m-, p) - rein	-	+	-	-	-	o	/	/	+	-	-	/	-	+	+	o	-	
Noble gases	Edelgase	-	/	-	-	-	+	+	+	+	-	-	+	-	+	+	+	-	
Octachlorotoluene	Octachlortoluol	+	-	-	-	+	o	+	o	-	-	-	-	-	-	-	-	-	
Octadecane	Octadekan	+	-	-	-	-	+	+	+	-	-	-	-	-	-	-	-	-	
Octane	Octan	+	-	-	-	+	o	+	/	+	+	+	-	+	+	+	o	-	
Oleic acid	Ölsäure	-	-	-	-	/	o	+	o	+	+	+	+	+	+	/	+	/	
Oleum (fuming sulphuric acid)	Oleum (rauchende Schwefelsäure)	-	-	o	o	+	+	+	+	+	+	+	+	+	o	o	o	o	
Oleum spirit	Oleumspiritus	+	-	-	-	+	o	+	/	-	-	-	-	-	-	-	-	-	
Olive oil	Olivenöl	+	+	+	+	+	o	+	+	-	-	-	+	-	-	-	-	/	
Orange juice	Apfelsinensaft	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-	
Ortho-chloroethyl benzene	Ortho-Chlorethylbenzol	+	-	-	-	+	o	+	o	-	-	-	-	-	-	-	-	-	
Oxalic acid	Oxalsäure	+	o	/	+	+	+	+	/	+	+	+	+	+	+	/	+	+	
Oxygen (gaseous, 100-200°C)	Sauerstoff (gasförmig, 100-200°C)	+	+	+	+	/	o	+	o	-	-	-	-	-	-	-	-	/	
Oxygen (gaseous, cold)	Sauerstoff (gasförmig, kalt)	+	+	+	+	+	+	+	/	-	-	-	+	-	-	-	-	+	
Ozone	Ozon	+	+	/	+	+	+	+	o	+	+	+	+	+	+	+	+	o	
Palmitic acid	Palmitinsäure	-	-	-	-	+	o	+	+	+	+	+	-	+	+	/	+	o	
Paraffin	Paraffin	+	+	+	+	+	o	+	+	+	+	+	+	+	+	+	+	/	
Peanut oil	Erdnußöl	+	+	+	+	+	o	+	+	-	-	-	+	-	-	-	-	/	
Pentane (n-pentane)	Pentan (N-Pentan)	+	+	+	+	+	o	+	+	-	-	-	-	-	-	-	-	-	
Peracetic acid – aqueous (6%)	Peressigsäure – wässrig (6 %)	-	+	-	-	-	+	+	o	+	-	-	-	-	-	-	-	o	
Perchloric acid	Perchlorsäure	-	-	-	-	-	-	-	-	/	/	/	-	/	+	/	o	+	
Pesticides (creosote)	Pflanzenschutzmittel (Karbolineum)	-	+	-	-	-	/	+	/	+	-	-	-	-	-	o	+	-	
Petrol, leaded	Benzin, verbleit	-	-	-	-	+	-	-	-	+	+	+	+	+	+	+	o	+	
Petrol, super	Benzin, Super	+	+	+	+	+	o	+	+	-	-	-	-	-	-	-	-	-	
Petrol, unleaded	Benzin, unverbleit	-	-	-	-	+	-	-	-	/	+	+	+	+	+	/	/	-	
Petrol-benzene-alcohol – (super fuel methanol mixture)	Benzin-Benzol-Spiritus – (Superkraftstoff-Methanol-Gemisch)	-	+	-	-	-	o	+	o	+	-	-	+	-	-	o	/	-	
Petroleum 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)	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	-	

Substance (EN)

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

Substance (EN)	Substance (DE)	Sapphireceramic®	1.4571/1.4435/316 Ti/316 L	Hastelloy C	Tantal	FKM(z. B. Viton)	EPDM	FFKM	NBR	PTFE	PFA	FEP	PEEK	ECTFE	PVDF	PP	PA	PE
Potassium copper cyanide	Kaliumkupfercyanid	-	-	-	-	+	+	+	+	-	-	-	-	-	-	-	-	-
Potassium cyanide - aqueous	Cyankali (Kaliumcyanid) - wässrig	-	+	-	-	-	+	+	+	+	-	-	+	-	+	+	+	-
Potassium cyanide, aqueous	Kaliumcyanid, wässrig	-	+	/	+	+	+	+	+	+	-	-	-	-	-	-	-	+
Potassium dichromate	Kaliumdichromat	-	+	/	+	+	+	+	+	+	+	+	+	+	+	+	+	/
Potassium ferricyanide	Ferricyankalium (Kaliumferricyanid)	-	+	-	-	-	+	+	+	+	-	-	+	-	+	+	+	-
Potassium hydrogen fluoride – aqueous	Kaliumhydrogenfluorid – wässrig	-	+	-	-	-	+	+	+	+	-	-	-	-	-	-	o	-
Potassium hydroxide (caustic potash) – aqueous	Kaliumhydroxid (Kalilauge) – wässrig	-	+	-	-	-	+	+	o	+	-	-	+	-	o	+	/	-
Potassium hypochlorite – aqueous	Kaliumhypochlorit – wässrig	-	/	-	-	-	+	+	o	+	-	-	+	-	+	/	o	-
Potassium iodide – aqueous	Kaliumjodid – wässrig	-	/	-	-	-	+	+	+	+	-	-	-	-	+	+	+	-
Potassium nitrate	Kaliumnitrat	+	/	/	+	+	+	+	+	+	+	+	+	+	+	+	/	+
Potassium nitrite – aqueous	Kaliumnitrit – wässrig	-	+	-	-	-	+	+	+	+	+	+	+	+	+	+	+	-
Potassium perchlorate, aqueous	Kaliumperchlorat, wässrig	+	+	+	/	+	+	+	o	+	+	+	+	-	+	+	+	+
Potassium permanganate – aqueous	Kaliumpermanganat – wässrig	-	+	-	-	-	o	+	o	+	-	-	+	-	+	/	o	-
Potassium peroxide – aqueous	Kaliumperoxid – wässrig	-	+	-	-	-	o	+	o	+	-	-	+	-	-	/	o	-
Potassium persulfate – aqueous	Kaliumpersulfat – wässrig	-	+	-	-	-	+	+	o	+	-	-	+	-	/	+	o	-
Potassium phosphates – aqueous	Kaliumphosphate – wässrig	-	+	-	-	-	+	+	+	+	-	-	+	-	+	+	/	-
Potassium salts	Kaliumsalze	-	-	-	+	+	+	+	+	-	-	-	-	-	-	-	-	-
Potassium sulphate	Kaliumsulfat	+	+	/	+	+	+	+	+	-	-	-	/	-	-	-	-	+
Potassium sulphide – aqueous	Kaliumsulfid – wässrig	-	+	-	-	-	+	+	+	+	-	-	+	-	/	+	/	-
Potassium sulphite	Kaliumsulfit	-	+	/	+	+	+	+	+	-	-	-	-	-	-	-	-	+
Processed cheese, 60% fat	Schmelzkäse, 60% Fett i.Tr.	+	+	+	+	+	+	+	+	-	-	-	-	-	-	-	-	+
Propane	Propan	+	+	+	+	+	o	+	+	+	+	+	+	+	+	+	o	/
Propanol (propyl alcohol)	Propanol (Propylalkohol)	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	/
Propionitrile	Propionitril	-	-	-	+	o	+	+	+	-	-	-	-	-	-	-	-	-
Propyl acetate	Propylacetat	-	-	-	o	/	+	o	-	-	-	-	-	-	-	-	-	-
Propyl nitrate	Propylnitrat	-	-	-	o	/	+	o	-	-	-	-	-	-	-	-	-	-
Propylene	Propylen	+	+	+	+	+	o	+	o	-	-	-	+	-	-	-	-	-
Propylene glycol	Propylenglykol	-	+	-	-	-	+	+	+	+	-	-	+	-	+	+	/	-
Propylene oxide	Propylenoxid	-	+	+	+	o	o	o	o	+	+	+	-	/	/	+	+	-
Protein solutions	Eiweißlösungen	-	+	-	-	-	+	+	+	-	-	-	-	-	-	+	+	-
Pydraul-A 150	Pydraul-A 150	-	+	-	-	-	/	-	o	+	-	-	-	-	-	-	+	-
Pydraul-A 200	Pydraul-A 200	-	+	-	-	-	/	-	o	+	-	-	-	-	-	-	+	-
Pydraul-AG	Pydraul-AG	-	+	-	-	-	+	-	o	+	-	-	-	-	-	-	+	-
Pydraul-F-9	Pydraul-F-9	-	+	-	-	-	+	-	o	+	-	-	-	-	-	-	o	-
Pyranol	Pyranol	+	+	+	+	+	o	+	+	-	-	-	-	-	-	-	-	-
Pyridine	Pyridin	+	+	+	+	o	/	+	o	+	+	+	+	/	o	+	o	/
Pyroligneous acid	Holzessig	-	-	-	o	/	+	o	-	-	-	-	-	-	-	-	-	-
Pyrrrole	Pyrrrol	-	-	-	o	+	o	+	o	-	-	-	-	-	-	-	-	-
Rapeseed oil	Rapsöl	-	+	-	-	-	o	+	/	+	-	-	+	-	+	/	+	-
Raspberry essence	Himbeer-Essenz	+	+	+	+	+	+	+	o	-	-	-	-	-	-	-	-	-
Resorcinol (50%)	Resorcin (50%)	-	-	-	-	-	-	-	+	+	+	-	-	+	+	+	o	-
Saccharin (sweetener)	Saccharin (Süßstoff)	-	+	-	-	-	+	+	+	-	-	-	-	-	-	+	+	-
Salicylic acid	Salicylsäure	-	-	-	+	+	+	/	+	+	+	-	-	+	+	+	+	-
Saline solution	Kochsalzlösung	+	/	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Salt water	Salzwasser	+	/	/	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Silicate ester	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	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)	Chlorbleichlauge (max.10%/85°C)	+	/	o	+	+	/	+	/	-	-	-	-	-	-	-	-	o
Sodium hypochlorite (chlorine bleach) – aqueous	Natriumhypochlorit (Chlorbleichlauge) – wässrig	-	/	-	-	-	+	+	o	+	-	-	+	-	/	/	o	-
Sodium iodide – aqueous	Natriumjodid – wässrig	-	/	-	-	-	+	+	+	+	-	-	-	-	+	+	+	-
Sodium mercaptobenzoethiazole	Natriummercaptopbenzthiazol	-	+	-	-	-	/	+	/	+	-	-	-	-	-	+	+	-
Sodium metaphosphate (calgon)	Natriummetaphosphat (Calgon)	-	-	-	+	+	+	+	-	-	-	-	-	-	-	-	-	-
Sodium metasilicate	Natriummetasilikat	-	-	-	+	+	+	+	-	-	-	-	-	-	-	-	-	-

Substance (EN)

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

		Sapphireceramic®	1.4571/1.4435/316 Ti/316 L	Hastelloy C	Tantal	FKM(z. B. Viton)	EPDM	FFKM	NBR	PTFE	PFA	FEP	PEEK	ECTFE	PVDF	PP	PA	PE
Sodium nitrate	Natriumnitrat (Natronsalpeter)	+	+	+	+	-	+	+	/	+	+	+	+	+	+	+	/	+
Sodium nitrite – aqueous	Natriumnitrit – wässrig	-	+	-	-	-	+	+	+	+	-	-	+	-	+	+	+	-
Sodium pentachlorophenol	Natriumpentachlorphenol	-	+	-	-	-	+	-	+	+	-	-	-	-	-	+	+	-
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	+	+	+	+	+	+	+	+	+	/	+
Succinic acid – aqueous	Bernsteinsäure – wässrig	-	+	-	-	-	+	+	+	+	-	-	-	-	+	+	+	-
Sugar beet juice	Zuckerrübensaft	+	+	+	+	+	+	+	+	-	-	-	+	-	-	-	-	-
Sugar cane solution	Zuckerrohrlösung	+	+	-	-	+	+	+	+	-	-	-	-	-	-	-	-	-
Sugar solutions	Zuckerlösungen	-	+	-	-	-	+	-	+	+	-	-	+	-	+	+	+	-
Sulphur	Schwefel	+	+	/	+	+	+	+	o	-	-	-	+	-	-	-	-	/
Sulphur chloride	Schwefelchlorid	-	+	-	-	-	o	+	+	+	-	-	+	-	-	-	-	-
Sulphur dioxide	Schwefeldioxid	-	+	/	+	o	+	+	o	+	+	+	+	+	+	+	+	o
Sulphur hexafluoride (SF6)	Schwefelhexafluorid (SF6)	-	-	-	-	+	+	+	+	-	-	-	+	-	-	-	-	-
Sulphur lye	Schwefellauge	-	-	-	-	+	/	+	/	-	-	-	-	-	-	-	-	-
Sulphur trioxide, dry	Schwefeltrioxid, trocken	-	-	-	-	+	/	+	+	+	-	-	+	-	-	-	-	o
Sulphur, molten	Schwefel, geschmolzen	-	-	-	-	+	+	+	o	-	-	-	-	-	-	-	-	-
Sulphuric acid	Schwefelsäure	o	o	o	+	+	+	+	+	+	+	+	-	+	+	/	+	+
Sulphuric acid – aqueous (30%)	Schwefelsäure – wässrig (30 %)	-	o	-	-	-	+	+	/	+	-	-	/	-	+	+	+	o
Sulphuric acid – concentrated (96%)	Schwefelsäure – konzentriert (96 %)	-	o	-	-	-	+	+	+	+	-	-	o	-	+	+	+	o
Sulphuric acid (max. 6%/85°C)	Schwefelsäure (max. 6%/85°C)	+	/	/	+	+	+	+	+	-	-	-	-	-	-	-	-	/
Sulphuric lime	Schwefelkalk	-	-	-	-	+	+	+	+	o	-	-	-	-	-	-	-	-
Sulphurous acid	Schweflige Säure	-	/	/	+	+	+	+	+	+	-	-	-	-	-	-	-	+
Sulphurous acid – aqueous	Schweflige Säure – wässrig	-	+	-	-	-	+	+	+	+	-	-	+	-	+	+	+	o
Table salt (sodium chloride)	Kochsalz (Natriumchlorid)	-	/	-	-	-	+	+	+	+	-	-	+	-	+	+	+	-
Tall oil	Tallöl	-	+	-	-	-	/	-	/	+	-	-	-	-	+	+	+	-
Tannic acid	Gerbsäure	+	+	+	+	+	/	+	+	+	+	+	+	+	+	+	+	+
Tannin (tannic acid)	Tannin (Gerbsäure)	-	+	-	-	-	+	+	+	+	-	-	+	-	+	+	+	-
Tar (bituminous)	Teer (bituminös)	+	+	+	+	+	+	+	/	-	-	-	+	-	-	-	-	-
Tar oil, carbolineum	Teeröl, Carbolineum	+	+	+	+	+	+	+	+	-	-	-	-	-	-	-	-	-
Tartaric acid, aqueous	Weinsäure, wässrig	+	/	/	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Terpineol	Terpineol	+	+	+	+	+	+	+	/	-	-	-	-	-	-	-	-	-
Tertiary butyl alcohol	Tertiär-Butyl-Alkohol	+	+	+	+	+	/	+	/	-	-	-	-	-	-	-	-	-
Tertiary butyl mercaptan	Tertiär-Butyl-Mercaptan	-	-	-	-	+	+	+	o	-	-	-	-	-	-	-	-	-
Tetrabromomethane	Tetrabrommethan	-	-	-	-	+	+	+	+	-	-	-	-	-	-	-	-	-
Tetrabutyltitanate	Tetrabutyltitanat	-	-	-	-	+	+	+	/	-	-	-	-	-	-	-	-	-
Tetrachloroethane	Tetrachlorethan	+	/	+	+	+	+	+	+	+	+	+	-	o	+	+	+	+
Tetrachloroethylene	Tetrachlorethylen	-	+	+	+	+	+	+	+	+	+	+	-	o	+	+	+	+
Tetraethyl lead	Tetraethylblei	-	-	-	-	+	+	+	+	+	+	+	+	+	+	+	+	-
Tetraethyl lead	Bleitetraethyl (Tetraethylblei)	-	+	-	-	-	/	+	/	+	-	-	-	-	+	+	+	-
Tetrahydrofuran (THF)	Tetrahydrofuran (THF)	-	-	-	-	o	/	+	+	+	+	+	-	/	/	/	+	+
Tetrahydronaphthalene (tetralin)	Tetrahydronaphthalin (Tetralin)	-	+	-	-	-	+	+	+	+	-	-	-	-	-	o	+	-
Thinner	Verdünnung	-	-	-	-	-	-	-	+	+	+	-	+	+	+	+	/	-
Thiophene – pure	Thiophen – rein	-	+	-	-	-	+	+	+	+	-	-	-	-	-	-	-	/
Tin chloride	Zinnchlorid	+	o	/	+	+	+	+	+	-	-	-	-	-	-	-	-	+
Tincture of iodine	Jodtinktur	-	/	-	-	-	/	/	/	+	-	-	/	-	+	/	o	-
Titanium tetrachloride	Titantetrachlorid	-	-	-	-	+	+	+	/	-	-	-	-	-	-	-	-	-
Toluene	Toluol	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	/	+
Toluene – pure	Toluol – rein	-	+	-	-	-	+	+	+	+	-	-	+	-	/	+	+	o
Toluylene diisocyanate	Tolylendiisocyanat	-	-	-	-	o	/	+	o	-	-	-	-	-	-	-	-	-
Transformer oil	Transformatoröl	+	+	+	+	+	+	+	+	-	-	-	-	-	-	-	-	-
Triacetin	Triacetin	-	-	-	-	+	+	+	/	-	-	-	-	-	-	-	-	-
Triaryl phosphate	Triarylphosphat	-	-	-	-	+	+	+	+	o	-	-	-	-	-	-	-	-
Tributoxyethylphosphate	Tributoxyethylphosphat	-	-	-	-	+	+	+	+	o	-	-	-	-	-	-	-	-
Tributyl mercaptan	Tributylmercaptan	-	-	-	-	+	+	+	+	+	-	-	-	-	-	-	-	-
Tributyl phosphate	Tributylphosphat	-	-	-	-	+	+	+	+	+	-	-	-	-	-	-	-	+
Trichloroacetic acid	Trichloressigsäure	-	o	o	-	o	/	+	/	+	+	+	-	+	+	/	o	o
Trichloroethane	Trichlorethan	+	+	+	+	+	+	+	+	-	-	-	-	-	-	-	-	/

Substance (EN)

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

		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
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	+	-	-	+	-	+	/	/	-
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	-	+	-	-	+	+	+	+	-	-	-	+	-	-	-	-	-