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Acetaldehyde	R	E	E	E	A	E	E	N	A	A	E	N	R	E	N	N	N	R	E	E	A
Acetic acid	R	A	A	A	R	R	R	N	A	E	E	R	R	A	A	A	N	A	N	E	N
Acetic anhydride	R	A	A	A	A	R	R	N	R	E	E	R	A	A	N	R	N	A	N	E	N
Acetone	E	E	E	E	E	E	E	E	R	E	E	E	R	E	N	N	N	N	A	E	N
Acetonitrile	A	E	E	E	E	-	E	-	-	-	-	-	E	A	N	R	N	A	-	E	A
Acetophenone	-	E	E	E	A	-	E	E	E	A	-	-	N	E	N	N	N	A	-	E	-
Acetyl chloride	E	A	E	E	N	E	A	A	R	E	-	E	N	R	E	N	N	N	N	E	N
Acetylene	E	E	E	E	E	R	E	A	R	R	N	N	R	E	N	A	N	N	E	E	E
Air (lubricated)	E	E	E	E	E	E	E	E	E	E	-	-	E	R	E	E	E	E	E	E	E
Air (unlubricated, dry)	E	E	E	E	E	E	E	E	E	E	-	-	E	E	E	E	E	E	E	E	E
Alcohol ethyl (ethanol)	E	E	E	E	A	E	E	N	E	-	E	A	E	E	A	E	N	E	E	E	E
Alcohol methyl (methanol)	E	E	E	E	A	E	E	N	E	E	E	A	E	E	N	E	N	E	E	E	E
Aluminium sulfate	R	A	E	E	E	R	N	R	R	E	A	A	E	E	E	A	N	E	E	E	A
Ammonia, anhydrous	E	E	E	E	R	A	A	R	R	R	R	N	E	E	N	A	N	R	E	R	
Ammonia, aqueous	E	A	E	E	N	R	A	N	R	R	R	R	A	E	A	R	N	E	N	E	-
Ammonia, water	E	A	E	E	N	R	A	N	R	R	R	R	A	E	A	R	N	E	N	E	-
Ammonium hydroxyde	R	A	A	A	R	R	R	N	R	A	N	N	A	E	A	R	N	E	A	E	A
Amyl acetate	R	A	A	A	A	E	R	A	E	E	-	E	N	E	N	N	N	A	N	E	R
Aniline	R	A	E	E	R	R	A	A	R	A	E	N	N	A	A	N	N	E	E	E	R
Argon	E	E	E	E	E	A	A	E	E	E	E	R	N	E	E	R	E	-	-	E	E
Barium chloride	R	A	E	E	N	E	R	E	R	E	-	A	E	E	E	E	E	E	E	E	A
Barium hydroxide	R	A	E	E	N	R	R	A	R	E	E	N	E	E	E	E	A	E	N	E	A
Benzaldehyde	E	E	E	E	E	E	E	A	A	A	N	A	N	A	N	N	N	N	E	E	A
Benzene pure	A	E	E	E	A	E	A	A	R	A	E	A	N	N	E	N	N	A	E	E	A
Benzene sulfonic acid	A	E	E	E	N	A	N	A	R	A	E	R	A	R	E	R	N	A	R	E	A
Borax	A	E	E	E	R	E	E	A	R	E	-	A	A	E	E	A	E	E	E	E	E
Bromine	R	N	R	R	N	N	N	-	R	N	A	R	N	N	E	N	N	A	N	E	N
Butadiene	E	E	E	E	E	E	E	E	R	E	-	R	A	R	E	N	N	N	E	E	N
Butane	R	E	E	E	A	A	A	E	E	E	-	R	E	N	E	E	R	A	E	E	A
Butanol (aqueous, butyl alcohol)	E	E	E	E	A	E	A	E	E	E	A	A	E	A	E	E	N	A	E	E	A

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Butylene	R	E	E	E	E	A	E	R	E	E	-	N	R	N	E	A	N	A	E	E	A
Butyl acetate	E	E	E	E	E	E	E	A	E	E	A	E	N	A	N	N	N	A	A	E	R
Butylamine	E	E	E	E	E	A	E	-	E	N	-	-	N	N	N	N	N	A	N	E	N
Butyl ether	E	E	E	E	E	-	E	-	N	E	-	-	R	R	N	A	A	N	N	E	N
Calcium chloride	R	A	A	A	N	A	N	-	R	E	E	A	E	E	E	E	E	E	N	E	E
Calcium sulfate	A	A	E	E	A	A	E	N	R	E	E	A	E	E	E	E	E	E	N	E	-
Carbon dioxide (wet/dry)	E	E	E	E	E	A	E	N	E	E	E	E	A	A	E	E	E	E	E	E	R
Carbon tetrachloride	E	R	R	R	N	E	N	E	R	A	A	R	N	N	E	R	N	A	E	E	N
Caustic soda	A	E	E	E	N	A	A	A	E	A	-	-	A	E	A	R	A	-	E	E	A
Cellosolve	E	A	E	E	A	-	A	E	E	E	-	-	N	A	R	N	N	E	E	E	N
Chlorobenzene	A	A	E	E	N	E	R	E	R	E	A	A	N	N	E	N	N	A	N	E	N
Chloroform	R	E	E	E	N	E	R	A	E	A	E	A	N	N	E	N	N	N	E	E	R
Chlorosulfonic acid	R	R	R	R	N	R	N	A	R	N	-	N	N	N	R	N	N	R	N	E	N
Chlorine (wet)	R	R	A	A	N	A	R	N	R	N	-	-	N	R	E	N	N	N	N	E	N
Chromic acid (25%)	R	R	E	E	R	R	N	R	N	N	N	N	E	E	N	N	A	N	E	N	N
Chromic acid, concentrated	R	R	R	R	N	R	N	N	A	N	-	N	N	R	E	N	N	A	N	E	N
City gas	-	E	E	E	-	-	-	E	-	-	-	N	A	N	E	E	A	-	-	E	-
Coffee	R	E	E	E	E	E	R	-	E	-	-	E	E	E	E	E	N	E	E	E	-
Coke oven gas	E	E	E	E	-	A	E	R	-	-	E	E	R	N	E	R	N	-	-	E	-
Detergent	A	E	E	E	E	E	A	A	E	E	-	-	A	E	E	E	N	E	E	E	A
Diesel fuel	E	E	E	E	E	E	E	E	E	E	E	E	A	N	E	E	R	A	E	E	A
Dimethyl formamide	A	E	E	E	E	A	A	R	E	A	-	E	N	A	R	A	N	E	R	E	A
Dimethyl phtalate	E	E	E	E	E	-	E	E	E	E	-	-	N	A	A	N	-	E	-	E	E
Ethylene chloride	E	A	E	E	A	E	R	A	E	A	E	R	N	R	A	N	N	R	E	E	R
Ethylene diamine	A	A	E	E	E	A	E	N	A	A	-	N	E	E	N	E	N	E	E	E	-
Ethylene dichloride	E	A	A	A	A	E	E	E	E	A	E	A	N	R	A	N	N	N	E	E	R
Ethylene glycol	A	A	E	E	A	E	A	A	E	E	E	A	E	E	E	E	A	E	A	E	E
Ethylene oxide	A	E	E	E	N	E	R	E	R	N	R	N	N	R	N	N	N	R	E	E	E
Ferric chloride	N	N	R	R	N	R	N	N	E	E	A	N	A	E	E	E	E	E	A	E	E
Ferrous chloride	N	N	R	R	N	R	N	N	R	E	A	R	A	E	E	E	-	E	A	E	E

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Formaldehyde	A	R	E	E	A	E	N	A	E	R	E	A	A	E	A	A	N	E	E	E	A
Formic acid	R	A	E	E	N	R	N	A	R	E	-	N	E	E	R	R	N	E	N	E	A
Freon 11	A	E	E	E	R	E	A	A	R	E	E	E	N	N	E	A	N	E	E	E	E
Freon F-12	A	E	E	E	E	E	A	A	R	E	E	E	E	A	A	A	E	E	E	E	E
Freon 22	A	E	E	E	N	-	N	E	E	E	E	A	A	A	A	N	R	N	E	E	N
Freon T WD602	A	E	E	E	N	-	-	E	E	E	-	E	A	A	E	A	E	-	-	E	-
Fuel oil	E	E	E	E	E	E	A	A	E	E	E	R	A	N	E	E	R	E	A	E	A
Fuel oil #6	E	E	E	E	R	E	E	E	E	E	-	R	N	N	E	A	A	-	N	E	E
Fuel ASTM Ref Fuel A	E	E	E	E	R	E	E	E	E	E	-	R	A	N	E	E	E	-	N	E	E
Fuel ASTM Ref Fuel B	E	E	E	E	R	E	E	E	E	E	-	R	N	N	E	E	A	-	N	E	E
Fuel ASTM Ref Fuel C	E	E	E	E	R	E	E	E	E	E	-	R	N	N	E	A	N	-	N	E	E
Fuel ASTM #1 Oil	E	E	E	E	R	E	E	E	E	E	-	-	E	N	E	E	E	-	N	E	E
Fuel ASTM #2 Oil	E	E	E	E	R	E	E	E	E	E	-	-	A	N	E	E	A	-	N	E	E
Fuel ASTM #3 Oil	E	E	E	E	R	E	E	E	E	E	-	-	R	N	E	E	A	-	N	E	E
Fuel ASTM #4-5 Oil	E	E	E	E	R	E	E	E	E	E	-	-	N	N	E	A	N	-	N	E	E
Furan	-	E	E	E	E	-	E	-	-	E	-	-	N	N	R	N	-	R	N	E	-
Furfural	E	E	E	E	E	E	E	A	A	E	A	A	N	A	N	N	R	N	A	E	A
Gasoline (petrol)	E	E	E	E	-	E	E	E	E	E	E	R	A	N	E	E	A	N	E	-	E
Gasoline 100 octane	-	E	E	E	-	-	-	R	E	E	-	-	A	N	E	E	A	N	E	E	E
Glycolic acid	R	E	E	E	-	A	R	-	A	E	-	-	-	A	-	R	A	E	E	E	-
Glycol	E	E	E	E	-	E	E	-	-	E	E	E	E	E	E	E	A	-	E	E	-
Helium	E	E	E	E	E	E	E	E	A	E	-	-	E	E	E	E	E	E	E	E	-
Heptane	E	E	E	E	E	E	E	E	E	E	E	E	A	N	E	E	A	-	E	E	A
Hydraulic fluids	A	E	E	E	E	E	E	E	E	E	-	-	N	A	E	N	N	N	A	E	E
Hydraulic oil	E	E	E	E	E	E	E	E	R	E	E	E	A	N	E	N	E	N	A	E	E
Hydrofluoric acid (50%)	N	N	R	R	N	R	N	R	N	R	A	N	A	E	A	R	N	A	N	E	N
Hydrogen gas	E	E	E	E	N	E	E	E	A	E	E	E	E	E	E	E	E	E	-	E	E
Hydrogen peroxide (30%)	R	A	A	A	A	R	N	N	R	A	N	N	N	A	E	N	-	E	N	E	N
Hydrogen sulfide (dry hot)	R	R	E	E	R	R	R	R	R	A	N	N	A	E	N	N	A	E	E	E	E
Isobutylene	E	E	E	E	E	E	E	E	E	R	-	-	N	N	E	R	R	-	-	E	-

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Jet fuels (JP1 through 5)	E	E	E	E	E	E	E	N	R	E	-	-	R	N	E	E	A	A	E	E	-
Jet fuels (JP 6)	E	E	E	E	-	E	E	N	-	-	-	E	N	N	E	E	N	N	E	E	-
Kerosene (kerosine)	E	E	E	E	E	E	E	E	E	E	E	A	A	N	E	E	A	A	E	E	E
Lactic acid	R	E	E	E	R	R	N	N	R	E	A	R	A	A	E	R	-	E	E	E	N
Liquid natural gas (LNG)	-	E	E	E	E	-	-	E	-	-	-	-	-	-	-	-	-	-	-	E	-
Liquid oxygen (LOX)	N	N	N	N	N	N	N	E	N	N	-	-	N	N	N	N	N	-	-	E	-
Liquid petroleum gas (LPG)	-	E	E	E	R	-	-	-	A	-	E	E	A	N	E	E	E	N	A	E	A
Lubricating oils, di-ester	E	E	E	E	-	E	E	-	A	E	E	E	R	N	E	A	A	-	-	E	N
Lubricating oils, petroleum base	E	E	E	E	E	-	E	E	-	-	-	A	A	N	E	A	A	R	E	E	E
Lubricating oils, SAE 10, 20, 30, 40	E	E	E	E	E	-	E	E	-	-	-	-	A	N	E	E	A	R	E	E	E
Magnesium acetate	E	E	E	E	N	R	R	A	A	E	-	-	-	E	N	N	-	E	-	E	-
Magnesium hydroxide	E	E	E	E	N	R	A	A	A	E	R	R	A	E	E	A	R	E	E	E	A
Methane	E	E	E	E	E	E	E	E	E	E	E	E	A	N	E	E	R	A	E	E	A
Methyl ether ketone (MEK)	E	E	E	E	E	E	E	N	A	A	E	E	N	E	N	N	N	R	A	E	A
Mineral oil	E	E	E	E	E	E	E	E	E	E	E	A	A	N	E	E	E	A	E	E	E
Morpholine	A	A	A	A	E	A	A	-	A	A	-	-	N	N	N	N	-	-	-	E	-
Naphta	E	E	E	E	E	E	A	R	E	A	E	A	R	N	E	R	R	R	E	E	E
Natural gas	A	E	E	E	E	E	A	A	E	E	E	A	E	N	E	E	A	E	E	E	A
Nitric acid (10%)	R	E	E	E	N	R	N	N	R	R	-	N	A	A	E	N	R	E	R	E	A
Nitric acid, concentrated	N	E	E	E	N	N	N	N	N	N	-	N	N	N	E	N	N	N	R	E	N
Nitro benzene	E	A	E	E	R	A	R	-	R	A	E	R	N	N	A	N	N	A	A	E	N
Nitro methane	A	E	E	E	E	A	A	-	A	A	-	E	R	A	N	N	N	R	E	E	N
Nitrogen	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	A
Nitro propane	-	E	E	E	E	-	E	-	-	-	-	-	N	A	N	N	N	-	-	E	-
Octane	-	-	E	E	-	-	-	-	-	-	-	-	N	N	E	E	N	N	-	E	-
Octane carboxylic acid	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	E	N	-	-	E	-
Octanol	-	-	E	E	-	-	-	-	-	-	-	-	A	E	E	A	N	-	-	E	-
Oleic acid	R	A	E	E	E	A	A	R	E	-	E	R	A	R	A	A	A	E	E	E	E
Olive oil	E	A	E	E	E	E	E	A	A	E	-	-	A	A	E	E	E	E	E	E	-
Oxygen, cold	A	A	A	A	A	A	-	E	-	-	-	A	E	E	E	A	E	-	-	E	-

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Oxygen 121 - 204°C (250 - 400 °F)	-	-	-	-	-	-	-	-	N	N	-	-	N	N	N	N	N	-	-	E	-
Oxygen, gas	E	E	E	E	-	E	E	E	A	N	A	E	A	E	E	N	E	-	-	E	-
Ozone (dry)	E	E	E	E	A	E	E	E	R	R	A	N	R	E	R	N	E	N	N	-	R
Palm oil	R	E	E	E	E	R	E	-	-	-	-	E	R	-	E	E	A	-	E	E	-
Palmitic acid	R	A	E	E	A	R	R	R	E	A	-	A	A	A	E	E	E	-	-	E	-
Paraffin	E	E	E	E	E	E	E	E	E	-	-	A	A	N	E	E	A	E	E	E	-
Pentane	-	A	E	E	E	-	A	N	A	-	E	A	E	N	E	E	N	-	E	E	-
Pentanol	-	-	-	-	-	-	-	-	-	-	-	-	E	E	A	A	N	-	-	E	-
Perchloroethylene ("Perk")	A	E	E	E	N	A	A	-	R	N	E	A	N	N	E	N	N	N	E	E	N
Petrol	A	E	E	E	A	E	A	R	E	E	-	-	A	N	E	E	A	E	E	E	-
Petroleum benzine	E	E	E	E	R	-	E	A	A	E	-	-	A	N	E	E	A	-	-	E	-
Petroleum ether	A	E	E	E	A	-	A	E	E	E	-	-	A	N	E	E	A	E	E	E	-
Petroleum naphtha	E	E	E	E	R	E	-	-	A	-	-	-	A	N	E	E	A	-	A	E	-
Petroleum oil above 121°C (250°F)	E	E	E	E	R	E	-	-	A	-	-	-	N	N	A	E	N	-	A	E	-
Petroleum oil below 121°C (250°F)	E	E	E	E	R	E	-	-	A	-	E	E	A	N	A	E	A	-	A	E	-
Phenol	A	A	A	A	A	A	N	A	R	E	E	A	N	N	E	N	N	R	E	E	N
Phenilic acid	-	-	-	-	-	A	-	N	-	-	-	-	N	N	A	N	N	-	-	E	-
Phosphoric acid 10%	A	A	A	A	N	A	N	N	R	E	A	N	A	E	E	E	E	E	N	E	-
Phosphoric acid, concentrated	R	N	N	N	N	R	N	N	N	E	A	N	N	A	E	N	E	E	N	E	N
Pine oil	-	E	E	E	E	E	A	A	E	A	-	-	N	N	E	A	-	-	E	E	N
Poly propylene glycol	E	E	E	E	E	E	A	E	A	E	-	-	N	E	E	E	-	E	N	E	-
Potassium acetate	-	A	A	A	N	-	E	-	-	-	E	A	A	E	N	A	N	E	E	E	-
Potassium bicarbonate	E	A	A	A	N	A	R	-	A	-	-	N	E	-	E	E	-	-	R	E	-
Potassium carbonate	E	A	E	E	N	A	E	A	A	E	-	-	E	E	E	E	-	-	-	E	-
Potassium chloride	R	R	R	R	A	E	A	N	A	E	N	A	E	E	E	E	E	E	E	E	N
Potassium hydroxide (50%)	A	E	E	E	N	R	R	N	R	A	A	R	A	A	R	R	A	E	E	E	E
Potassium nitrate	A	R	E	E	E	E	A	A	A	E	R	A	E	E	E	E	E	E	A	E	-
Potassium phosphate	A	A	A	A	N	-	N	A	A	-	-	-	E	E	E	A	-	-	-	E	-
Potassium sulfate	E	A	E	E	N	A	N	A	A	E	A	A	E	E	E	E	E	-	-	E	-
Propane	E	E	E	E	E	E	A	A	A	E	-	E	R	N	E	E	R	N	E	E	A

"Corrosion is caused by a chemical or electrochemical reaction. It is therefore necessary to consider the set of galvanic and electromotive forces as well as the pressure, temperature and all other factors that may intervene. This guide provides information on gaseous and non-gaseous fluids. corrosive / corrosive, unmixed, most common.

Our range of products can be used with most acids, alcohols, bases, solvents, gases and corrosive liquids. Depending on the fluid and / or application, modified or specific constructions are sometimes required.

These tables do not include mixtures of different products and their temperatures; it is the user's responsibility to ensure the chemical and physical compatibility of the body and other materials with the fluids used.

E = Excellent
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	steel	AISI 303/304	AISI 316	AISI 316L	aluminium	bronze	cast iron	brass	PA	PPS	Silver	Copper	CR	EPDM	FPM	NBR	UR	PET	POM	PTFE	TPE
Propanol	E	E	E	E	-	-	E	E	A	E	-	-	E	E	N	N	N	-	-	E	-
Propylene	E	E	E	E	E	-	E	E	-	-	E	E	N	N	E	N	N	E	E	E	-
Propylene chloride	-	A	E	E	N	-	E	-	-	-	-	-	N	N	A	N	N	-	-	E	-
Pydraul 10E, 29ELT	-	E	E	E	-	-	E	-	-	-	E	A	N	A	E	N	N	-	-	E	-
Pyridine	E	A	E	E	A	A	A	R	E	E	-	R	N	A	N	N	N	R	A	E	R
Saccharose	A	E	E	E	-	-	E	E	-	A	-	A	E	E	E	E	N	-	-	E	-
SAE oils	-	-	-	-	-	-	-	-	-	-	-	A	A	N	E	E	E	-	-	E	-
Salt water	-	R	R	R	N	E	N	N	E	E	-	A	E	E	E	E	N	E	E	E	-
Soda	A	E	E	E	N	A	A	A	E	E	E	A	A	E	A	R	A	-	E	E	A
Sodium carbonate	E	A	E	E	R	E	A	A	A	E	E	A	E	E	E	E	-	E	E	E	A
Sodium chloride	R	R	A	A	R	E	A	R	A	R	A	A	E	E	E	E	E	E	E	E	E
Sodium hydroxide (caustic soda)	E	A	E	E	N	E	R	N	E	A	E	R	A	E	A	R	A	E	E	E	N
Sodium hypochlorite	R	R	R	R	N	R	N	R	R	R	A	N	R	A	E	R	N	A	N	E	R
Sour natural gas	-	-	A	A	-	-	-	-	-	-	-	-	-	N	N	N	N	-	-	E	-
Steam to 107°C (225°F)	E	E	E	E	N	E	E	E	R	A	A	A	R	E	N	R	N	-	-	E	-
Steam 107 - 148°C (225 - 300°F)	E	E	E	E	N	E	E	E	R	A	-	-	N	E	N	N	N	-	-	E	-
Steam over 148°C (300°F)	E	E	E	E	N	E	R	E	R	A	-	-	N	R	N	N	N	-	-	E	-
Stoddard solvent	E	E	E	E	E	E	E	-	E	R	-	E	R	N	E	E	E	E	E	E	R
Sulphur dioxide, liquid	E	A	E	E	N	A	N	R	R	E	R	R	A	E	E	N	-	E	N	E	N
Sulphuric acid, concentrated	R	A	A	A	N	R	N	N	R	A	N	N	N	A	E	N	N	R	N	E	R
Tetrachloroethylene	E	E	E	E	N	-	E	A	R	A	E	E	N	N	E	N	N	N	E	E	-
Tetrahydrofuran	E	E	E	E	A	E	-	-	E	R	-	-	N	A	N	N	R	R	N	E	A
Toluene	A	E	E	E	E	E	E	E	E	A	E	E	N	N	E	R	N	-	R	E	R
Tri chloro ethylene	A	A	A	A	A	A	A	E	R	A	-	R	N	N	E	R	N	R	A	E	N
Tri chloro acetic acid	R	N	R	R	N	-	N	R	R	E	-	N	R	A	R	A	N	A	N	E	N
Turpentine	E	A	E	E	E	E	A	R	A	E	E	A	N	N	E	E	N	A	E	E	A
Vaseline	E	E	E	E	-	-	E	E	E	E	-	-	A	N	E	E	E	-	-	E	-
Vegetable oils	E	E	E	E	E	E	A	A	E	-	-	-	N	A	E	E	-	E	E	E	-
Vinegar	R	E	E	E	N	R	R	R	E	E	E	A	A	E	E	R	N	E	A	E	R
Water	-	E	E	E	-	-	-	-	-	-	-	-	A	E	A	E	R	-	-	E	E

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Water, acid mine	R	A	E	E	N	R	N	R	E	E	-	N	E	E	E	A	-	E	E	E	E	
Water, deionized	R	E	E	E	E	A	R	E	N	E	-	A	E	E	E	A	-	-	A	E	E	
Water, distilled lab	R	A	E	E	A	E	R	A	A	E	E	R	R	E	E	E	E	E	E	A	E	E
Water, drinking	-	E	E	E	E	-	-	N	E	-	-	-	A	E	E	E	N	-	-	E	E	
Water, fresh	E	E	E	E	A	E	A	E	E	E	E	A	A	E	E	E	E	E	E	E	E	E
Water, heavy	-	-	-	-	-	-	-	-	E	E	-	-	A	E	E	E	N	E	E	E	E	E
Water, sea/river	R	A	A	E	A	A	R	R	A	E	E	A	A	E	E	A	E	E	E	E	E	E
Water glass	E	E	E	E	-	-	E	A	E	E	-	A	E	E	E	E	R	E	E	E	E	E
Waterproofing salt	-	R	R	R	A	E	N	A	E	E	-	-	A	-	-	A	R	E	E	E	E	E
Xenon	R	E	E	E	E	-	R	E	E	E	-	-	E	E	E	E	E	E	E	-	E	-
Xylene	E	A	A	A	E	E	A	A	A	A	E	E	N	N	E	N	N	A	E	E	A	E
Zinc chloride	N	R	R	R	N	R	N	N	E	E	A	N	E	E	E	E	E	E	N	E	E	E