

Reagens	Concentration %	at temp. +°C	Polyamide	Polyamide	Polyamide	Thermo-plastic Polyurethane	Polypropylen	Soft PVC	Silicone	Thermo plastic Elastomer	Nitrile-Butadiene rubber
			PA 6	PA 6	PA 12	PU	PP	PVC	SI*	TPE	NBR
Acetaldehyde, hydrous	40	20	o	o	+	-	+	-	o		20°C o
Acetic acid	10	20	o	o	o	-	+	+	o	+	-
Acetic acid pure	100	20	o	o	o	-	+	-	o	o	-
Acetone	100	20	+	+	+	-	+	-	o	o	-
Acrylic acid	100	> 30	-	-	-	-	-	-	o	-	o
Allyl alcohol	96	20	o	o	+		+	-	+		+
Alum, hydrous	dilute	20	o	o	o		+	+		+	+
Aluminium chloride, hydrous	10	20	+	+	+	+	+	+	o/-	+	20°C +
Aluminium sulphate, hydrous	dilute	40	+	+	+		+	+	+	+	20°C +
Ammonia solution, hydrous	saturated	20	20% +	20% +	+	+	+	o	o	o	+
Ammonium chloride, hydrous	saturated	60	o	o	o	3% o	+	o	o	+	20°C +
Ammonium nitrate, hydrous	dilute	40	+	+	+		+	+	+		20°C +
Ammonium sulphate, hydrous	dilute	40	+	+	+		+	+	+		-
Aniline, pure	100	20	o	o	o	o	+	-	o	o	-
Benzaldehyde, hydrous	saturated	20	pure o	pure o	pure o		+	-	-	o	-
Benzine	100	20	+	+	+	+	o	-	-	o	+
Benzoic acid, hydrous	any	40	20% o	20% o	20% o		+	20°C +	-		-
Benzole	100	20	+	+	+	-	o	-	-	-	-
Bleaching liquor		20	-	-	-	+	+	+	o		-
Borax, hydrous	dilute	40	+	+	+		+	+	o	+	20°C o
Boric acid, hydrous	3	20	o	o	o	+	+	20°C +	o	+	20°C +
Bromine, liquid	100	20	-	-	-	-	-	-	-	-	-
Butanediol, hydrous	up to 10	20	pure +	pure +	pure +		+	o	o		-
Butanol	up to 100	20	+	+	+	-	+	-	o		+
Butylacetate	100	20	+	+	+	-	o	-	o		-
Calcium chloride, hydrous	saturated	40	+	+	+		+	+	+	+	20°C +
Carbon disulphide	100	20	+	+	+		+	-	o		-
Carbon dioxide	100	60	+	+	+		+	o	+	o	20°C +
Carbon dioxide, dry	100	60					+	+	+		20°C +
Carbon tetrachloride	100	20	+	+	o	-	-	-	-	-	-
Caustic potash solution, hydrous	50	20	+	+	+	-	+	+	o	10% +	
Caustic soda lye, hydrous	10	20	+	+	+	3% o	+	+	30% +	50% +	
Chlorine, gas	any	20	-	-	-	-	o	-	-	o	-
Citric Acid	up to 10	40	20°C +	20°C +	20°C +	3% o	+	20°C +	+	+	20°C +
Cooling liquids DIN 53521		120	o	o	+			-			
Copper monochloride, hydrous	saturated	20					+	+	+	+	+
Copper sulphate, hydrous	saturated	60	+	+	+		+	+	+	+	20°C +
Cresol, hydrous	any	20	-	-	-		+	-	o		-
Cyclohexanol	-	20	+	+	+	o	+	-	o		-
Diesel fuel		85	+	+	+	20°C +	+	-	o		+
Drilling oil			+	+	+			-	o		+
Ethanol	all	20	+	+	+	+	+	+	+	+	+
Ethyl dichloride	100	20	o	o	o		-	-	-		-
Ethyl ether	100	20	+	+	+	o	o	-			o
Ethylene oxide, liquid	100	20	+	+	+		+	-	-	o	-
Ferric cyanide, hydrous	saturated	60	o	o	o		+	+			
Ferrous chloride, hydrous, indiff.	10	20	+	+	+	40°C o	+	+	+	+	+
Fluorine, gas	any	20	-	-	-	-	-	-	-	-	-
Formaldehyde, hydrous	any	20	-	-	-		40% +	20°C o	o	40% +	o
Formic acid, hydrous	10	20	-	-	-		+	+	o	+	o

+ resistant O conditionally resistant - not resistant	Concentration %	at temp. +°C	Polyamide	Polyamide	Polyamide	Thermo-plastic Polyurethane	Poly-propylen	Soft PVC	Silicone	Thermo plastic Elastomer	Nitrile-Butadiene rubber
			PA 6	PA 66	PA 12	PU	PP	PVC	SI*	TPE	NBR
Glucose, hydrous	any	50					+	+	+		+
Hydraulic fluid, hardly inflammable		80	+	+	+		+	-	-	+	-
Hydraulic oil H and HL (DIN 51524)		100	+	+	+			-	-		o
Hydrobromic acid, hydrous	up to 10	40	-	-	-		50%+	o	o		-
Hydrochloric acid, hydrous	30	20	20% -	20% -	20% -	20% -	+	10% +	10% +	10% +	o
Hydrogenperoxide	2	20	-	-	-	+	+	+	+	+	+
Hydrosilicofluoric acid, hydrous	up to 30	20	-	-			+	o	-		
Hydroxylamine sulphate, hydrous	up to 12	30	+	+			+	o			+
Kerosine	100	80	+	+	+		+	-	o		
Lactic acid, hydrous	up to 90	20	10% +	10% +	10% +	3% o	+	+	+	+	+
Lubricating grease, base diester oil		110	o	o	+		+	o	o	-	
Lubricating grease, base polyphenylester		110	+	+		+	-	o	o		
Lubricating grease, base silicone oil		110	+	+	+		+	o	o	-	
Magnesium carbonate, hydrous	saturated	100					+	+	+		
Magnesium chloride, hydrous	saturated	20	10% +	10% +	10% +		+	+	+	+	+
Mercury	pure	20	+	+	+		+	o	+		+
Methanol	100	20	+	+	+		50°C +	o	+	+	+
Methylene chloride	100	20	o	o	o		o	-	-	o	
Mineral oil			+	+	+	80% +	20°C +	20°C o	o	-	
Nickel chloride, hydrous	saturated	20	10% o	10% o	10% o		+	+	+		+
Nickel sulphate, hydrous	saturated	20	10% o	10% o	10% o		+	+	+		+
Nitric acid, hydrous	50	20	-	-	-	20% -	o	o	10% o	30% +	-
Nitro glycerin	dilute	20						-			
Oil and grease		20	+	+	+		o	o	o	o	
Oleic acid	-	20	+	+	+		+	+	o	-	o
Oxalic acid	any	20	10% o	10% o	10% o	3% o	+	+	+		o
Ozone	pure		-	-	-		o	o	+		
Phosgene, gaseous	100	20					o	-			
Phoshoric acid, hydrous	dilute	20	10% -	10% -	10% -	3% o	80% +	50% +	85% +	85% +	-
Phosphorus pentoxide	100	20					+	+			
Potassium bromide, hydrous	any	20	10% +	10% +	10% +		+	+	+	+	+
Potassium chloride, hydrous	10	20	+	+	+		+	+	+	+	+
Potassium dichromate, hydrous	40	20	5% o	5% o	5% o		+	+	10% o	+	+
Potassium nitrate, hydrous	any	20	10% +	10% +	10% +		+	+	+	10% +	+
Potassium permanganate, hydrous	saturated	20	5% -	5% -	5% -		+	o	+		
Sea water		20	+	+	+	+	+	+	+	+	+
Soap solution, hydrous	any	20	+	+	+	+	+	+	+	+	+
Sodium chlorate, hydrous	saturated	20	10% o	10% o	10% o		+	25% o	20% +	15% +	
Sulphuric acid, hydrous		20	10% -	10% -	10% -	20% -	85% +	+	10% +	98% +	-
Tin dichloride, hydrous	dilute	40					+	+	o	10% +	20°C +
Toluene	100	20	+	+	+	-		-	-	+	-
Trichloroethylene	100	20	o	o	o		o	-	-	-	
Urea, hydrous	up to 10	40	20% +	20% +	20% +	3% +	+	+	+		
Vinyl acetate	100	20				-	+	-			
Waste gas,containing carbon dioxide	any	60	+	+	+			+	+		+
Waste gas, containing SO2	low	60	+	+	+		+	+	o		+
Xylene	100	20	+	+	+		o	-	-	-	-
Zinc chloride, hydrous	dilute	60	10% o	10% o			+	20°C +	+	10% +	20°C +
Zinc sulphate, hydrous	dilute	60					+	20°C +	+	10% +	20°C +