



	Chemical name (Synonym)	Chemical formula (CAS number)	Concentration	20 °C 68 °F	Other
	Carbonic acid	H ₂ CO ₃ (463-79-6)	-	Ex	-
	Chromic acid	H₂CrO₄	40%	Р	-
		(7738-94-5)	10%	Ex	-
	Fluorosilicic acid	H ₂ SiF ₆	30%	Ex	-
		(16961-83-4)	10%	Ex	=
	Hydrobromic acid	HBr (10035-10-6)	40% 10%	Ex	-
			36%	Ex Ex	-
	Hydrochloric acid	HCl (7647-01-0)	10%	Ex	-
		(7047 01 0)	70%	P	-
cids			60%	Ex	
c A	Nitric acid	HNO ₃	50%	Ex	
ani		(7697-37-2)	30%	Ex	=
Inorganic Acids			15%	Ex	-
<u>n</u>	Nitrous acid	HNO ₂ (7782-77-6)	20%	Ex	-
	Oleum		65%	Р	-
	Phosphoric acid		85%	Ex	=
	(orthophosphoric acid)	H ₃ PO ₄ (7664-38-2)	40%	Ex	-
	(or thophosphoric acid)	(7004-38-2)	10%	Ex	-
			100%	Р	-
		H ₂ SO ₄ 50% 20%	98%	Ex	-
	Sulfuric acid			Ex	-
			Ex		
			10%	Ex	-
			Glacial	Ex	-
	Acetic acid	CH ₃ COOH (64-19-7)	70%	Р	
	(ethanoic acid)		50%	Ex*	
			20% 10%	Ex Ex	-
		C ₆ H ₈ O ₇	10%	EX	-
	Citric acid	(77-92-9)	-	Ex	-
Organic Acids	Formic acid (methanoic acid)	HCOOH (64-18-6)	20%	Ex	-
ic A	Lactic acid	CH₃CH(OH)(COOH)	85%	Ex	-
gan	(2-hydroxypropanoic acid)	(50-21-5/79-33-4/10326-41-7)	10%	Ex	-
Ori	Maleic acid	HO ₂ CCHCHCO ₂ H (110-16-7)	-	Ex	-
	Salicylic acid	C ₆ H ₄ (OH)COOH (69-72-7)	-	Ex	-
	Stearic acid (solid)	CH ₃ (CH ₂) ₁₆ CO ₂ H (57-11-4)	-	Ex	-
	Tannic acid	C ₇₆ H ₅₂ O ₄₆ (1401-55-4)	-	Ex	-
	Tartaric acid	HO ₂ CCH(OH)CH(OH)CO ₂ H (526-83-0)	-	Ex	-

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Poor	Р	Not suitable for any applications involving contact with the chemical itself or fumes evolved from it.
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	Chemical name (Synonym)	Chemical formula (CAS number)	Concentration	20 °C 68 °F	Other
	n-Butanol (butyl alcohol)	C ₄ H ₉ OH (71-36-3)	-	Ex	-
	2-Ethoxyethanol (Cellosolve)	C ₄ H ₁₀ O ₂ (110-80-5)	-	Ex	-
	Ethanol (ethyl alcohol)	CH ₃ CH ₂ OH (64-17-5)	-	Ex	-
	Ethylene glycol (ethan-1,2-diol, monoethylene glycol, MEG)	(CH ₂ OH) ₂ (107-21-1)	-	Ex	-
Alcohols	Glycerol (glycerine, propane-1,2,3-triol)	HOCH ₂ CH(OH)CH ₂ OH (56-81-5)	-	Ex	-
AK	1-Hexanol	CH ₃ (CH ₂) ₅ OH (111-27-3)	-	Ex	-
	Isobutanol	(CH ₃) ₂ CHCH ₂ OH (78-83-1)	-	Ex	-
	Methanol (methyl alcohol)	CH ₃ OH (67-56-1)	-	Ex	-
	2-Methoxyethanol	$C_3H_8O_2$ (109-86-4)	-	Ex	
	Propylene glycol (1,2-Propanediol)	CH ₃ CH(OH)CH ₂ OH (57-55-6)	-	Ex	-
	Ammonia	NH ₃ (7664-41-7)	25% 10%	Ex Ex	-
alis	Calcium hydroxide (lime water)	Ca(OH) ₂ (1305-62-0)	-	Ex	-
Alkalis	Potassium hydroxide	KOH (1310-58-3)	20%	Ex	-
	(caustic potash) Sodium hydroxide (caustic soda)	NaOH (1310-73-2)	10% 40% 10%	Ex Ex Ex	- - -
	Aniline (Phenylamine)	C ₆ H ₅ NH ₂ (62-53-3)	-	Ex	-
S	Dibutylamine	C ₈ H ₁₉ N	-	М	-
Amines & Amides	Diethanolamine	HN(CH ₂ CH ₂ OH) ₂ (111-42-2)	-	Ex	-
s & ₽	Diethylenetriamine	HN(CH ₂ CH ₂ NH ₂) ₂ (111-40-0)	-	М	-
4mine	Dimethylamine	(CH ₃) ₂ NH (124-40-3)	-	М	-
	Dimethylformamide	(CH ₃) ₂ NC(O)H (68-12-2)	-	Р	-
	Hydrazine	N ₂ H ₄ (302-01-2)	-	Ex	-

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	Chemical name (Synonym)	Chemical formula (CAS number)	Concentration	20 °C 68 °F	Other
	Methylamine (40% aqueous)	CH ₃ NH ₂ (74-89-5)	-	Ex	-
nides	Methylamine (gas)	CH ₃ NH ₂ (74-89-5)	-	Ex	-
Amines & Amides continued	Pyridine	C ₅ H ₅ N (110-86-1)	-	Р	-
Amines	Triethanolamine (TEA) (2,2',2"-nitrilotriethanol)	N(CH ₂ CH ₂ OH) ₃ (102-71-6)	-	Ex	-
	Triethylenetetramine	[CH ₂ NHCH ₂ CH ₂ NH ₂] ₂ (112-24-3)	-	Ex	-
	Amyl acetate	CH ₃ COO(CH ₂) ₄ CH ₃ (628-63-7)	·	Ex	-
	Butyl acetate	C ₆ H ₁₂ O ₂ (123-86-4)	-	Ex	-
	N-Butyl ether	C ₈ H ₁₈ O (142-96-1)	-	Ex	-
	Dibutyl phthalate	C ₁₆ H ₂₂ O ₄ (84-74-2)	-	Ex	-
۶o	Dibutyl sebacate	C ₁₈ H ₃₄ O ₄ (109-43-3)	-	Ex	-
Esters & Ethers	Diethyl ether	(C ₂ H ₅) ₂ O (60-29-7)	-	Ex	-
rs &	Dioctyl adipate	C ₂₂ H ₄₂ O ₄ (123-79-5)	-	Ex	-
Este	Dioctyl phthalate	$C_6H_4(C_8H_{17}COO)_2$ (117-81-7)	-	Ex	-
	Dioctyl sebacate	(CH2)8(COOC8H17)2	-	Ex	-
	Ethyl acetate	CH ₃ COOCH ₂ CH ₃ (141-78-6)	-	Ex	-
	Methyl acetate	CH ₃ COOCH ₃ (79-20-9)	ı	Ex	-
	Propylene glycol monomethyl ether acetate	CH ₃ CO ₂ CH(CH ₃)CH ₂ OCH ₃ (108-65-6)	-	Ex	-
	Tributyl phosphate	(CH ₃ CH ₂ CH ₂ CH ₂ O) ₃ PO (126-73-8)	-	Ex	-
	Carbon tetrachloride	CCI ₄ (56-23-5)	-	Ex	-
	Chlorobenzene	C ₆ H ₅ Cl (108-90-7)	-	Ex	-
	Chloroform	CHCl ₃ (67-66-3)	-	Ex	-
arbons	Ethylene dichloride (1,2-dichloroethane)	C ₂ H ₄ Cl ₂ (107-06-2)	-	Ex	-
Halocark	Methylene chloride (dichloromethane)	CH ₂ Cl ₂ (75-09-2)	-	Ex	-
	Perchloroethylene (tetrachloroethylene)	Cl ₂ C=CCl ₂ (127-18-4)	-	Ex	-
	1,1,1, - Trichloroethane (methyl chloroform)	CH ₃ CCl ₃ (71-55-6)	-	Ex	
	Trichlorotrifluoroethane (CFC-113)	Cl ₂ FC-CCIF ₂ (76-13-1)	-	Ex	-

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	Chemical name (Synonym)	Chemical formula (CAS number)	Concentration	20 °C 68 °F	Other
	Benzene (benzol)	C ₆ H ₆ (71-43-2)	-	Ex	-
	Cyclohexane	C ₆ H ₁₂ (110-82-7)	-	Ex	-
	Ethane	C ₂ H ₆ (74-84-0)	-	Ex	-
	Gasoline – Ethanol free (Petrol)		-	Ex	-
	Heptane	CH ₃ CH ₂ CH ₂ CH ₂ CH ₂ CH ₃ (142-82-7)	-	Ex	-
	Hexane	CH ₃ CH ₂ CH ₂ CH ₂ CH ₂ CH ₃ (110-54-3)	-	Ex	-
suoc	Iso-octane (2,2,4-trimethylpentane)	(CH ₃) ₃ CCH ₂ CH(CH ₃) ₂ (540-84-1)	-	Ex	-
Hydrocarbons	Kerosene	N/A (8008-20-6)	-	Ex	-
ydr	Naphtha		-	Ex	-
=	Paraffin	N/A (8002-74-2)	=	Ex	-
	Petroleum naphtha		-	Ex	-
	Styrene	C ₆ H ₅ CH=CH ₂ (100-42-5)	-	Ex	-
	Toluene (methylbenzene, phenylmethane, toluol)	C ₆ H ₅ CH ₃ (108-88-3)	-	Ex	-
	Turpentine	N/A (8006-64-2)	-	Ex	-
	White Spirit (Stoddard solvent, Mineral spirits)	N/A (8052-41-3)	-	Ex	-
	Xylene (dimethyl benzene, xylol)	C ₆ H ₄ (CH ₃) ₂ (95-47-6/108-38-3/106-42-3/1330-20-7)	-	Ex	-
	Acetone	(CH ₃) ₂ CO (67-64-1)	-	Ex*	-
nes	Formaldehyde	HCHO (50-00-0)	37%	Ex	-
Ketones	Methyl amyl ketone (2-Heptanone)	C ₇ H ₁₄ O (110-43-0)	-	Ex	-
	Methyl ethyl ketone (MEK, butanone)	CH ₃ C(O)CH ₂ CH ₃ (78-93-3)	-	Ex	-
	Brake fluid		-	Ex	-
	Bromine water (saturated)		-	Ex	-
	Carbon disulphide	CS ₂ (75-15-0)	-	Ex	-
Miscellaneous	Dimethyl sulfoxide	(CH ₃) ₂ SO (67-68-5)	-	Ex	-
la l	Emulsion paint		-	Ex	-
Misce	Ethylethoxypropionate	C ₇ H ₁₄ O ₃ (763-69-9)	-	Ex	-
_	Fertilizer solutions		-	Ex	-
	Grease		-	Ex	-
	Hydrogen peroxide	H ₂ O ₂ (7722-84-1)	35%	Ex	-

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Poor	P	Not suitable for any applications involving contact with the chemical itself or fumes evolved from it.
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	Chemical name (Synonym)	Chemical formula (CAS number)	Concentration	20 °C 68 °F	Other
	Ink (water based)		-	Ex	-
	Isothiazolinone	C ₃ H ₃ NOS (1003-07-2)	-	Ex	-
	Mesitylene (1,3,5-trimethylbenzene)	C ₆ H ₃ (CH ₃) ₃ (108-67-8)	-	Ex	-
	N-Methylpyrrolidone	C ₅ H ₉ NO (872-50-4)	-	Ex	-
eq	Naphthalene	C ₁₀ H ₈ (91-20-3)	-	Ex	-
Miscellaneous continued	Pyrrole	C ₄ H ₄ NH (109-97-7)	-	Ex	-
co	Resins & rosins (natural)		-	Ex	-
Sno	Roof pitch		-	Ex	-
) ec	Rubber latex emulsions		-	Ex	-
la la	Sewage		-	Ex	-
sce	Skydrol		-	Ex	-
Ξ	Starch		-	Ex	-
	Tar		-	Ex	-
	Tetraethyl lead	(CH ₃ CH ₂) ₄ Pb (78-00-2)	-	Ex	-
	Urea	CO(NH ₂) ₂ (57-13-6)	-	Ex	-
	Water, distilled		-	Ex	-
	Water, fresh		-	Ex	-
	Water, sea		-	Ex	-
	Castor oil		-	Ex	-
	Coconut oil		-	Ex	-
	Cod liver oil		-	Ex	-
	Corn oil		-	Ex	-
-	Diesel oil		-	Ex	-
Jera	Hydraulic oil		-	Ex	-
- Mineral	Lubricating oil		_	Ex	-
- s	Oil, petroleum		_	Ex	-
Oils	Oil/water mixtures	1	_	Ex	-
	Silicone oil		-	Ex	-
	Soybean oil		_	Ex	-
	Transfer oil		-	Ex	-
	Tung oil	Alci	=	Ex	-
	Aluminium chloride (dry)	AICI ₃ (7446-70-0)	-	Ex	-
	Aluminium sulphate	Al ₂ (SO ₄) ₃ (10043-01-3)	-	Ex	-
	Alums		-	Ex	-
Salts	Ammonium bicarbonate	(NH ₄)HCO ₃ (1066-33-7)	-	Ex	-
] "	Ammonium fluorosilicate	(NH ₄) ₂ SiF ₆ (16919-19-0)	-	Ex	-
	Ammonium nitrate	NH ₄ NO ₃ (6484-52-2)	-	Ex	-
	Ammonium phosphate	(NH ₄) ₃ PO ₄ (10361-65-6)	-	Ex	-

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	Chemical name (Synonym)	Chemical formula (CAS number)	Concentration	20 °C 68 °F	Other
	Ammonium sulfate	(NH ₄) ₂ SO ₄ (7783-20-2)	-	Ex	-
	Barium carbonate	BaCO ₃ (513-77-9)	-	Ex	-
	Barium chloride	BaCl ₂ (10361-37-2)	-	Ex	-
	Barium sulfate	BaSO ₄ (7727-43-7)	-	Ex	-
	Barium sulphide	BaS (21109-95-5)	-	Ex	-
	Brines		-	Ex	-
	Bromine chloride	BrCl (13863-41-7)	-	Ex	-
	Calcium carbonate	CaCO ₃ (471-34-1)	-	Ex	-
	Calcium chloride	CaCl ₂ (10043-52-4)	-	Ex	-
	Calcium fluoride	CaF ₂ (7789-75-5)	-	Ex	-
	Calcium hypochlorite	Ca(CIO) ₂ (7778-54-3)	-	Ex	-
	Calcium sulphate	CaSO ₄ (7778-18-9)	-	Ex	-
9	Chromium potassium sulphate (Chrome alum)	KCr(SO ₄) ₂ (10141-00-1)	-	Ex	-
tinue	Copper acetate	Cu(CH ₃ COO) ₂ (142-71-2)	-	Ex	-
Salts continued	Copper chloride	CuCl ₂ (7447-39-4)	-	Ex	-
Salt	Copper nitrate	Cu(NO ₃) ₂ (3251-23-8)	-	Ex	-
	Copper sulphate	CuSO ₄ (7758-98-7)	-	Ex	-
	Ferric chloride (dry)	FeCl ₃ (7705-08-0)	-	Ex	-
	Ferric nitrate	Fe(NO ₃) ₃ (10421-48-4)	-	Ex	-
	Ferric sulfate	Fe ₂ (SO ₄) ₃ (10028-22-5)	-	Ex	-
	Ferrous chloride	FeCl ₂ (7758-94-3)	-	Ex	-
	Ferrous sulfate	FeSO ₄ (7720-78-7)	-	Ex	-
	Magnesium bisulfate	Mg(HSO ₄) ₂ (10028-26-9)	-	Ex	-
	Magnesium carbonate	MgCO ₃ (546-93-0)	-	Ex	-
	Magnesium chloride	MgCl ₂ (7786-30-3)	-	Ex	-
	Magnesium sulphate (Epsom salt)	MgSO ₄ (7487-88-9)	-	Ex	-
	Mercuric chloride	HgCl ₂ (7487-94-7)	-	Ex	-
	Mercuric cyanide	Hg(CN) ₂ (592-04-1)	-	Ex	-

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	Chemical name (Synonym)	Chemical formula (CAS number)	Concentration	20 °C 68 °F	Other
	Nickel ammonium sulfate	(NH ₄) ₂ Ni(SO ₄) ₂ (7785-20-8)	-	Ex	-
	Nickel chloride	NiCl ₂ (7718-54-9)	-	Ex	-
	Nickel nitrate	Ni(NO ₃) ₂ (13138-45-9)	-	Ex	-
	Nickel sulphate	NiSO ₄ (7786-81-4)	-	Ex	-
	Potassium bisulfite	KHSO ₃ (7773-03-7)	-	Ex	-
	Potassium bromide	KBr (7758-02-3)	-	Ex	-
	Potassium carbonate	K ₂ CO ₃ (584-08-7)	-	Ex	-
	Potassium chlorate	KCIO ₃ (3811-04-9)	-	Ex	-
	Potassium chloride	KCI (7447-40-7)	-	Ex	-
	Potassium cyanide	KCN (151-50-8)	-	Ex	-
	Potassium dichromate	K ₂ Cr ₂ O ₇ (7778-50-9)	-	Ex	-
	Potassium diphosphate	K ₂ HPO ₄ (7758-11-4)	-	Ex	-
	Potassium ferricyanide	K ₃ [Fe(CN) ₆] (13746-66-2)	-	Ex	-
Salts continued	Potassium ferrocyanide	K ₄ [Fe(CN) ₆]	-	Ex	-
conti	Potassium iodide	KI (7681-11-0)	-	Ex	-
Salts	Potassium nitrate	KNO ₃ (7757-79-1)	-	Ex	-
	Potassium permanganate	KMnO ₄ (7722-64-7)	-	Ex	-
	Potassium sulfate	K ₂ SO ₄ (7778-80-5)	-	Ex	-
	Potassium sulfide	K ₂ S (1059-82-5)	-	Ex	-
	Potassium sulphite	K ₂ SO ₃ (10117-38-1)	-	Ex	-
	Quaternary ammonium salts		-	Ex	-
	Silver nitrate	AgNO ₃ (7761-88-8)	-	Ex	-
	Sodium acetate	CH ₃ COONa (127-09-3)	-	Ex	-
	Sodium aluminate	NaAlO ₂ (1302-42-7)	-	Ex	-
	Sodium bicarbonate	NaHCO ₃ (144-55-8)	-	Ex	-
	Sodium bisulfate	NaHSO ₄ (7681-38-1)	-	Ex	-
	Sodium bisulfite	NaHSO ₃ (7631-90-5)	-	Ex	-
	Sodium borate (borax)	Na ₂ B ₄ O ₇ (1303-96-4)	-	Ex	-
	Sodium bromide	NaBr (7647-15-6)	-	Ex	-

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	Sodium carbonate (soda ash)	Na ₂ CO ₃ (497-19-8)	-	Ex	-
	Sodium chlorate	NaClO ₃ (7775-09-9)	-	Ex	-
	Sodium chloride	NaCl (7647-14-5)	-	Ex	-
	Sodium chromate	Na ₂ CrO ₄ (7775-11-3)	-	Ex	-
	Sodium cyanide	NaCN (143-33-9)	-	Ex	-
	Sodium fluoride	NaF (7681-49-4)	-	Ex	-
	Sodium fluorosilicate	Na ₂ SiF ₆ (16893-85-9)	-	Ex	-
	Sodium hypochlorite (bleach)	NaClO (7681-52-9)	12%	Ex*	-
nued	Sodium metaphosphate	(NaPO ₃) ₆	-	Ex	-
Salts continued	Sodium metasilicate (sodium silicate)	Na ₂ SiO ₃ (6834-92-0)	-	Ex	-
Salts	Sodium nitrate	NaNO ₃ (7631-99-4)	-	Ex	-
	Sodium phosphate (dibasic)	Na ₂ HPO ₄ (7558-79-4)	-	Ex	-
	Sodium phosphate (tribasic)	Na ₃ PO ₄ (7601-54-9)	-	Ex	-
	Sodium sulfate	Na ₂ SO ₄ (7757-82-6)	-	Ex	-
	Sodium sulfide	Na ₂ S (1313-82-2)	-	Ex	-
	Stannous chloride (tin chloride)	SnCl ₂ (7772-99-8)	-	Ex	-
	Zinc chloride	ZnCl ₂ (7646-85-7)	-	Ex	-
	Zinc hydrosulfite	ZnS ₂ O ₄ (7779-86-4)	-	Ex	-
	Zinc sulfate	ZnSO ₄ (7733-02-0)	-	Ex	-

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The technical data contained herein is based on the results of long term tests carried out in our laboratories and to the best of our knowledge is true and accurate on the date of publication. It is however, subject to change without prior notice and the user should contact Belzona to verify the technical data is correct before specifying or ordering. No guarantee of accuracy is given or implied. We assume no responsibility for rates of coverage, performance or injury resulting from use. Liability, if any, is limited to the replacement of products. No other warranty or guarantee of any kind is made by Belzona, express or implied, whether statutory, by operation of law or otherwise, including merchantability or fitness for a particular purpose. Nothing in the foregoing statement shall exclude or limit any liability of Belzona to the extent such liability cannot by law be excluded or limited.