

	Chemical name (Synonym)	Chemical formula (CAS number)	Concentration	Suitable for repeated accidental contact (1 month continuous exposure)	Chemical Resistance Rating (12 months continuous exposure)
			10%	No	M
		HCl	5%	Yes	M
	Hydrochloric acid	(7647-01-0)	3%	Yes	G
			1%	Yes	G
			5%	No	Р
cids	Nitric acid	HNO ₃ (7697-37-2)	3%	No	Р
Inorganic Acids		, , ,	1%	Yes	M
rgan	Phosphoric acid	H₃PO₄	10%	Yes	G
lno	(orthophosphoric acid)	(7664-38-2)	5%	Yes	G
			20%	Yes	G
			10%	Yes	G
	Sulphuric acid	H ₂ SO ₄ (7664-93-9)	5%	Yes	G
			3%	Yes	G
			1%	Yes	G
	Acetic acid	CH₃COOH	5%	No	Р
	(ethanoic acid)	(64-19-7)	2%	No	Р
	Cresylic acid (cresol)	C ₇ H ₈ O (1319-77-3)	-	No	Р
cids	Lactic acid	CH₃CH(OH)(COOH)	5%	No	Р
Jic A	(2-hydroxypropanoic acid)	(50-21-5/79-33-4/10326-41-7)	2%	No	Р
Organic Acids	Salicylic acid	C ₆ H ₄ (OH)COOH (69-72-7)	-	Yes	Ex
	Stearic acid (solid)	CH ₃ (CH ₂) ₁₆ CO ₂ H (57-11-4)	-	Yes	Ex
	Tannic acid	C ₇₆ H ₅₂ O ₄₆ (1401-55-4)	-	Yes	Ex
	Tartaric acid	$HO_2CCH(OH)CH(OH)CO_2H$ (526-83-0)	-	Yes	Ex
	Ethanol (ethyl alcohol)	CH ₃ CH ₂ OH (64-17-5)	-	No	Р
	Glycerol (glycerine, propane-1,2,3-triol)	HOCH ₂ CH(OH)CH ₂ OH (56-81-5)	-	Yes	М
slor	1-Hexanol	CH ₃ (CH ₂) ₅ OH (111-27-3)	-	No	Р
Alcohols	Methanol (methyl alcohol)	CH ₃ OH (67-56-1)		No	Р
	Propylene glycol (1,2-Propanediol)	CH ₃ CH(OH)CH ₂ OH (57-55-6)	-	Yes	G
	Tetraethylene Glycol (tetraglycol)	HO(CH ₂ CH ₂ O) ₃ CH ₂ CH ₂ OH (112-60-7)	-	Yes	Ex

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			20%	No	M
	Ammonia	NH ₃ (7664-41-7)	10%	No	M
		(7004 41 7)	5%	Yes	M
	Calcium hydroxide	Ca(OH)₂	20%	Yes	M
	(lime water)	(1305-62-0)	10%	Yes	M
<u>.s</u>	Potassium hydroxide	КОН	20%	Yes	M
Alkalis	(caustic potash)	(1310-58-3)	10%	Yes	M
▼			50%	Yes	M
			20%	Yes	M
	Sodium hydroxide	NaOH	10%	Yes	M
	(caustic soda)	(1310-73-2)	5%	Yes	M
			3%	Yes	M
			1%	Yes	M
Amides	Diethanolamine (DEA) (2,2'-iminodiethanol)	HN(CH ₂ CH ₂ OH) ₂ (111-42-2)	-	Yes	M
ૐ	Monoethanolamine (MEA) (2-aminoethanol)	H ₂ NCH ₂ CH ₂ OH (141-43-5)	-	Yes	М
Amines	Triethanolamine (TEA) N(CH ₂ CH ₂ OH) ₃ (2,2',2"-nitrilotriethanol) (102-71-6)		-	Yes	G
	Apple juice	N/A	-	Yes	Ex
	Beet sugar	N/A	-	Yes	Ex
	Butter	N/A	-	Yes	Ex
	Buttermilk	N/A	-	Yes	M
	Citrus juices	N/A	-	Yes	Ex
<u>4</u>	Fermentation liquor	N/A	-	Yes	M
Foodstuffs	Glucose	N/A	-	Yes	Ex
poo	Margarine	N/A	-	Yes	Ex
ૐ	Mayonnaise	N/A	-	Yes	Ex
Beverages	Milk	N/A	-	Yes	M
ver	Molasses	N/A	-	Yes	Ex
Be	Mustard	N/A	-	Yes	M
	Salad oil	N/A	-	Yes	Ex
	Sugar liquids	N/A	-	Yes	Ex
	Tomato juice	N/A	-	Yes	M
	Vinegar	N/A	-	No	Р
	Yeast	N/A	-	Yes	Ex

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	Dibutyl phthalate	C ₁₆ H ₂₂ O ₄ (84-74-2)	-	Yes	Ex
	Dibutyl sebacate	C ₁₈ H ₃₄ O ₄ (109-43-3)	-	Yes	Ex
Esters & Ethers	Dioctyl adipate	C ₂₂ H ₄₂ O ₄ (123-79-5)	-	Yes	Ex
'S & E	Dioctyl phthalate	C ₆ H ₄ (C ₈ H ₁₇ COO) ₂ (117-81-7)	-	Yes	Ex
ster	Dioctyl sebacate	(CH ₂) ₈ (COOC ₈ H ₁₇) ₂	-	Yes	Ex
	Ethyl acetate	CH ₃ COOCH ₂ CH ₃ (141-78-6)	-	No	М
	Tributyl phosphate	(CH ₃ CH ₂ CH ₂ CH ₂ O) ₃ PO (126-73-8)	-	Yes	M
	Butane	C ₄ H ₁₀ (106-97-8)	-	Yes	Ex
Gases	Natural gas (methane)	CH₄	-	Yes	Ex
Ga	Nitrous oxide (dinitrogen monoxide)	11/20		Yes	Ex
	Sulphur dioxide	SO ₂ (7446-09-5)	-	Yes	Ex
	Cyclohexane	C ₆ H ₁₂ (110-82-7)	-	Yes	M
	Gasoline – Ethanol free (Petrol)	N/A	-	No	Р
	Kerosene	N/A (8008-20-6)	-	Yes	Ex
	Mesitylene (1,3,5-trimethylbenzene)	C ₆ H ₃ (CH ₃) ₃ (108-67-8)	-	Yes	Ex
	Naphtha	N/A	-	Yes	Ex
St	Naphthalene	C ₁₀ H ₈ (91-20-3)	-	Yes	Ex
Hydrocarbons	Paraffin	N/A (8002-74-2)	-	Yes	Ex
droc	Petroleum naphtha	N/A	-	Yes	Ex
Η	Roof pitch	N/A	-	Yes	Ex
	Toluene $C_6H_5CH_3$ phenylmethane, toluol)		-	No	M
	Turpentine	N/A (8006-64-2)	-	No	М
	White Spirit (Stoddard solvent, mineral spirit)	N/A (8052-41-3)	-	Yes	М
	Xylene (dimethyl benzene, xylol)	C ₆ H ₄ (CH ₃) ₂ (95-47-6/108-38-3/106-42-3/1330-20-7)	-	Yes	М

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Ketones	Methyl ethyl ketone (MEK, butanone)	CH ₃ C(O)CH ₂ CH ₃ (78-93-3)	-	No	Р
	Brake fluid	N/A	-	Yes	Ex
	Emulsion paint	N/A	-	Yes	Ex
	Fertilizer solutions	N/A	-	Yes	Ex
	Grease	N/A	-	Yes	Ex
	Ink (water based)	N/A	-	Yes	Ex
	Isothiazolinone	C ₃ H ₃ NO ₅ (1003-07-2)	-	Yes	Ex
Miscellaneous	Rubber latex emulsions	N/A	-	Yes	Ex
llane	Sewage	N/A	-	Yes	Ex
isce	Skydrol	N/A	-	Yes	Ex
Σ	Starch N/A		-	Yes	Ex
	Tar	N/A	-	Yes	Ex
	Urea	CO(NH ₂) ₂ (57-13-6)	-	Yes	M
	Water, distilled	N/A	-	Yes	Ex
	Water, fresh	N/A	-	Yes	Ex
	Water, sea	N/A	-	Yes	Ex
	Castor oil	N/A	-	Yes	Ex
	Coconut oil	N/A	-	Yes	Ex
	Cod liver oil	N/A	-	Yes	Ex
	Corn oil	N/A	-	Yes	Ex
rals	Diesel oil	N/A	-	Yes	Ex
line	Lubricating oil	N/A	-	Yes	Ex
Oils - Minerals	Oil, petroleum	N/A	-	Yes	Ex
Oils	Oil/water mixtures	N/A	-	Yes	Ex
	Silicone oil	N/A	-	Yes	Ex
	Soybean oil	N/A	-	Yes	Ex
	Transfer oil	N/A	-	Yes	Ex
	Tung oil	N/A	-	Yes	Ex

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	Aluminium chloride	AICI ₃ (7446-70-0)	10%	Yes	G
	Aluminium sulphate	Al ₂ (SO ₄) ₃ (10043-01-3)	-	Yes	Ex
	Alums	N/A	-	Yes	Ex
	Ammonium bicarbonate	(NH ₄)HCO ₃ (1066-33-7)	-	Yes	Ex
	Ammonium fluorosilicate	(NH ₄) ₂ SiF ₆ (16919-19-0)	-	Yes	Ex
	Ammonium nitrate	NH ₄ NO ₃ (6484-52-2)	-	Yes	Ex
	Ammonium phosphate	(NH ₄) ₃ PO ₄ (10361-65-6)	-	Yes	Ex
	Ammonium sulfate	(NH ₄) ₂ SO ₄ (7783-20-2)	-	Yes	Ex
	Barium carbonate	BaCO ₃ (513-77-9)	-	Yes	Ex
	Barium chloride	BaCl ₂	-	Yes	Ex
	Barium sulfate	BaSO ₄ (7727-43-7)	-	Yes	Ex
	Barium sulphide	BaS (21109-95-5)	-	Yes	Ex
	Brines	N/A	-	Yes	Ex
Salts	Bromine chloride	BrCl (13863-41-7)	-	Yes	Ex
S	Calcium carbonate	CaCO ₃ (471-34-1)	-	Yes	Ex
	Calcium chloride	CaCl ₂ (10043-52-4)	-	Yes	Ex
	Calcium fluoride	CaF ₂ (7789-75-5)	10%	Yes	Ex
	Calcium hypochlorite	Ca(CIO) ₂ (7778-54-3)	-	Yes	Ex
	Calcium sulphate	CaSO ₄ (7778-18-9)	-	Yes	Ex
	Chromium potassium sulphate (Chrome alum)	KCr(SO ₄) ₂ (10141-00-1)	-	Yes	Ex
	Copper acetate	Cu(CH ₃ COO) ₂	-	Yes	G
	Copper chloride	CuCl ₂ (7447-39-4)	-	Yes	G
	Copper nitrate	Cu(NO ₃) ₂ (3251-23-8)	-	Yes	G
	Copper sulphate	CuSO ₄ (7758-98-7)	10%	Yes	G
	Ferric chloride (dry)	FeCl ₃ (7705-08-0)	-	No	M
	Ferric nitrate	Fe(NO ₃) ₃ (10421-48-4)	-	No	М

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	Ferric sulfate	Fe ₂ (SO ₄) ₃ (10028-22-5)	-	Yes	М
	Ferrous chloride	FeCl ₂ (7758-94-3)	10%	No	М
	Ferrous sulfate	FeSO ₄ (7720-78-7)	10%	Yes	G
	Magnesium bisulfate	Mg(HSO ₄) ₂ (10028-26-9)	-	Yes	Ex
	Magnesium carbonate	MgCO ₃ (546-93-0)	10%	Yes	Ex
	Magnesium chloride	MgCl ₂ (7786-30-3)	-	Yes	Ex
	Magnesium sulphate (Epsom salt)	MgSO ₄ (7487-88-9)	-	Yes	Ex
	Mercuric chloride	HgCl ₂ (7487-94-7)	-	Yes	Ex
	Mercuric cyanide	Hg(CN) ₂ (592-04-1)	-	Yes	Ex
	Nickel ammonium sulfate	(NH ₄) ₂ Ni(SO ₄) ₂ (7785-20-8)	-	Yes	Ex
	Nickel chloride	NiCl ₂ (7718-54-9)	-	Yes	Ex
	Nickel nitrate	Ni(NO ₃) ₂ (13138-45-9)	-	Yes	Ex
ts	Nickel sulphate	NiSO ₄ (7786-81-4)	-	Yes	Ex
Salts	Potassium bisulfite	KHSO ₃ (7773-03-7)	=	Yes	Ex
	Potassium bromide	KBr (7758-02-3)	-	Yes	Ex
	Potassium carbonate	K ₂ CO ₃ (584-08-7)	-	Yes	Ex
	Potassium chlorate	KCIO ₃ (3811-04-9)	-	Yes	Ex
	Potassium chloride	KCl (7447-40-7)	-	Yes	Ex
	Potassium cyanide	KCN (151-50-8)	=	Yes	Ex
	Potassium dichromate	K ₂ Cr ₂ O ₇ (7778-50-9)	-	Yes	Ex
	Potassium diphosphate	K ₂ HPO ₄ (7758-11-4)	-	Yes	Ex
	Potassium ferricyanide	K ₃ [Fe(CN) ₆] (13746-66-2)	-	Yes	Ex
	Potassium ferrocyanide	K ₄ [Fe(CN) ₆] (13943-58-3)	-	Yes	Ex
	Potassium iodide	KI (7681-11-0)	-	Yes	Ex
	Potassium nitrate	KNO ₃ (7757-79-1)	-	Yes	Ex
	Potassium permanganate	KMnO ₄ (7722-64-7)	-	Yes	Ex

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	Potassium sulfate	K ₂ SO ₄ (7778-80-5)	-	Yes	Ex
	Potassium sulfide	K ₂ S (1059-82-5)		Yes	Ex
	Potassium sulphite	K ₂ SO ₃ (10117-38-1)	-	Yes	Ex
	Quaternary ammonium salts	N/A	-	Yes	Ex
	Silver nitrate	AgNO ₃ (7761-88-8)	-	Yes	Ex
	Sodium acetate	CH ₃ COONa (127-09-3)	-	Yes	Ex
	Sodium aluminate	NaAlO ₂ (1302-42-7)	-	Yes	Ex
	Sodium bicarbonate	NaHCO ₃ (144-55-8)	-	Yes	Ex
	Sodium bisulfate	NaHSO ₄ (7681-38-1)	-	Yes	Ex
	Sodium bisulfite	NaHSO ₃ (7631-90-5)	-	Yes	Ex
	Sodium borate (Borax)	Na ₂ B ₄ O ₇ (1303-96-4)	-	Yes	Ex
	Sodium bromide	NaBr (7647-15-6)	-	Yes	Ex
Salts	Sodium carbonate (soda ash)	Na ₂ CO ₃ (497-19-8)	-	Yes	Ex
S	Sodium chlorate	NaClO ₃ (7775-09-9)	-	Yes	Ex
	Sodium chloride	NaCl (7647-14-5)	-	Yes	Ex
	Sodium chromate	Na ₂ CrO ₄ (7775-11-3)	-	Yes	Ex
	Sodium cyanide	NaCN (143-33-9)	-	Yes	Ex
	Sodium fluoride	NaF (7681-49-4)	10%	Yes	Ex
	Sodium fluorosilicate	Na ₂ SiF ₆ (16893-85-9)	-	Yes	Ex
	Sodium hypochlorite (bleach)	NaCIO (7681-52-9)	12%	Yes	М
	Sodium metaphosphate	Sodium metaphosphate (NaPO ₃) ₆ (10124-56-8)		Yes	Ex
	Sodium metasilicate (sodium silicate)	Na ₂ SiO ₃ (6834-92-0)	-	Yes	Ex
	Sodium nitrate	NaNO ₃ (7631-99-4)	-	Yes	Ex
	Sodium phosphate (dibasic) Na ₂ HPO ₄ (7558-79-4)		-	Yes	Ex
	Sodium phosphate (tribasic)	Na ₃ PO ₄ (7601-54-9)	-	Yes	Ex

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	Sodium sulfate	Na ₂ SO ₄ (7757-82-6)	-	Yes	Ex
Salts	Sodium sulfide	Na ₂ S (1313-82-2)	-	Yes	Ex
	Stannous chloride (tin chloride)	SnCl ₂ (7772-99-8)	-	Yes	Ex
	Zinc chloride	ZnCl ₂ (7646-85-7)	-	Yes	Ex
	Zinc hydrosulfite ZnS ₂ O _{4 (7779-86-4)}		-	Yes	Ex
	Zinc sulfate	ZnSO ₄ (7733-02-0)	-	Yes	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.