

				Chemical Resistance		
	Chemical name (Synonym)	Chemical formula (CAS number)	Concentration	Suitable for 72 hours chemical exposure?	Service at	
					20°C (68°F)	40°C (104°F)
Inorganic Acids	Carbonic acid	H ₂ CO ₃ (463-79-6)	15%	Yes	Ex	Ex
	Fluorosilicic acid	H ₂ SiF ₆ (16961-83-4)	30%	Yes	Ex	Ex
			10%	Yes	Ex	Ex
	Hydrobromic acid	HBr (10035-10-6)	40%	Yes	Ex	Ex
			20%	Yes	Ex	Ex
			10%	Yes	Ex	Ex
	Hydrochloric acid	HCl (7647-01-0)	37%	Yes	Ex	Ex
			20%	Yes	Ex	Ex
			10%	Yes	Ex	Ex
	Nitric acid	HNO ₃ (7697-37-2)	65%	No	P	P
20%			Yes	Ex*	G	
10%			Yes	Ex*	G	
Oleum	H ₂ SO ₄ · (SO ₃) _x (8014-95-7)	30%	Yes	M	M	
Phosphoric acid (orthophosphoric acid)	H ₃ PO ₄ (7664-38-2)	85%	Yes	G*	G*	
		20%	Yes	G*	G*	
		10%	Yes	Ex	Ex	
Sulfuric acid	H ₂ SO ₄ (7664-93-9)	100%	No	P	P	
		98%	Yes	Ex	Ex*	
		50%	Yes	Ex	Ex*	
		20%	Yes	Ex	Ex*	
		10%	Yes	Ex	Ex*	
Organic Acids	Acetic acid (ethanoic acid)	CH ₃ COOH (64-19-7)	30%	Yes*	M*	M*
			20%	Yes*	M*	M*
			10%	Yes	M	M
	Acrylic acid	CH ₂ =CHCO ₂ H (79-10-7)	-	Yes*	G*	M*
	Citric acid	C ₆ H ₈ O ₇ (77-92-9)	-	Yes	Ex	Ex
	Cresylic acid (cresol)	C ₇ H ₈ O (1319-77-3)	-	Yes	Ex*	Ex*
	Formic acid (methanoic acid)	HCOOH (64-18-6)	10%	No	P	P
	Lactic acid (2-hydroxypropanoic acid)	CH ₃ CH(OH)(COOH) (50-21-5/79-33-4/10326-41-7)	88%	Yes	M	M
5%			Yes	Ex	Ex	
Phenol	C ₆ H ₅ OH (108-95-2)	-	No	P	P	

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Good	G	No significant deterioration / barrier properties retained for 12-52 weeks <i>Suitable for short-term immersion and general chemical contact</i>
Moderate	M	No significant deterioration / barrier properties retained for 1-12 weeks <i>Suitable for applications involving short term chemical contact e.g. spillage, splashing or secondary containment</i>
Poor	P	Significant deterioration / loss of barrier properties after 1 week or less <i>Not suitable for any applications</i>
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CHEMICAL RESISTANCE OF BELZONA® 4311

FN10195

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				Suitable for 72 hours chemical exposure?	Service at	
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Alcohols	n-Butanol (butyl alcohol)	C ₄ H ₉ OH (71-36-3)	-	Yes	Ex	Ex
	2-Ethoxyethanol (Cellosolve)	C ₄ H ₁₀ O ₂ (110-80-5)	-	Yes	Ex	Ex
	Ethanol (ethyl alcohol)	CH ₃ CH ₂ OH (64-17-5)	-	Yes	Ex	Ex
	Ethylene glycol (ethan-1,2-diol, monoethylene glycol, MEG)	(CH ₂ OH) ₂ (107-21-1)	-	Yes	Ex	Ex
	Glycerol (glycerine, propane-1,2,3-triol)	HOCH ₂ CH(OH)CH ₂ OH (56-81-5)	-	Yes	Ex	Ex
	1-Hexanol	CH ₃ (CH ₂) ₅ OH (111-27-3)	-	Yes	Ex	Ex
	Isobutanol	(CH ₃) ₂ CHCH ₂ OH (78-83-1)	-	Yes	Ex	Ex
	Methanol (methyl alcohol)	CH ₃ OH (67-56-1)	-	Yes	M	M
	2-Methoxyethanol	C ₃ H ₈ O ₂ (109-86-4)	-	Yes	Ex	Ex
	Propylene glycol (1,2-Propanediol)	CH ₃ CH(OH)CH ₂ OH (57-55-6)	-	Yes	Ex	Ex
Alkalis	Ammonia	NH ₃ (7664-41-7)	25%	Yes	Ex	Ex
			10%	Yes	Ex	Ex
	Potassium hydroxide (caustic potash)	KOH (1310-58-3)	40%	Yes	Ex	Ex
			20%	Yes	Ex	Ex
			10%	Yes	Ex	Ex
			10%	Yes	Ex	Ex
Sodium hydroxide (caustic soda)	NaOH (1310-73-2)	50%	Yes	Ex	Ex	
		40%	Yes	Ex	Ex	
		20%	Yes	Ex	Ex	
		10%	Yes	Ex	Ex	
Amines & Amides	Diethanolamine (DEA) (2,2'-iminodiethanol)	HN(CH ₂ CH ₂ OH) ₂ (111-42-2)	-	Yes	Ex	Ex
	Diethylenetriamine (DETA)	HN(CH ₂ CH ₂ NH ₂) ₂ (111-40-0)	-	No	P	P
	Dimethylformamide (DMF)	(CH ₃) ₂ NC(O)H (68-12-2)	-	No	P	P
	Diethylene glycolamine (DGA) (2-(2-aminoethoxy) ethanol)	H ₂ NCH ₂ CH ₂ OCH ₂ CH ₂ OH (929-06-6)	-	Yes	Ex*	Ex*
	N-Methyl diethanolamine (MDEA)	CH ₃ N(CH ₂ CH ₂ OH) ₂ (105-59-9)	-	Yes	Ex	Ex

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Amines & Amides continued	Monoethanolamine (MEA) (2-aminoethanol)	H ₂ NCH ₂ CH ₂ OH (141-43-5)	-	Yes	Ex*	Ex*
	Pyridine	C ₅ H ₅ N (110-86-1)	-	Yes	M	M
	Sulphanol solution (50% diisopropanolamine, 25% tetramethylene sulphone, 25% water)	N/A	-	Yes	Ex	Ex
	Triethanolamine (TEA) (2,2',2''-nitrilotriethanol)	N(CH ₂ CH ₂ OH) ₃ (102-71-6)	-	Yes	Ex	Ex
	Triethylenetetramine (TETA)	[CH ₂ NHCH ₂ CH ₂ NH ₂] ₂ (112-24-3)	-	Yes	M	M
Beverages & Foodstuffs	Apple juice	-	-	Yes	Ex	Ex
	Beer	-	-	Yes	Ex	Ex
	Beet sugar	-	-	Yes	Ex	Ex
	Butter	-	-	Yes	Ex	Ex
	Buttermilk	-	-	Yes	Ex	Ex
	Cider	-	-	Yes	Ex	Ex
	Citrus juices	-	-	Yes	Ex	Ex
	Fermentation liquor	-	-	Yes	Ex	Ex
	Glucose	-	-	Yes	Ex	Ex
	Ketchup	-	-	Yes	Ex	Ex
	Margarine	-	-	Yes	Ex	Ex
	Mayonnaise	-	-	Yes	Ex	Ex
	Milk	-	-	Yes	Ex	Ex
	Molasses	-	-	Yes	Ex	Ex
	Mustard	-	-	Yes	Ex	Ex
	Salad Oil	-	-	Yes	Ex	Ex
	Sugar liquids	-	-	Yes	Ex	Ex
	Tomato juice	-	-	Yes	Ex	Ex
	Vinegar	-	-	Yes	Ex	Ex
Whisky and Wine	-	-	Yes	Ex	Ex	
Yeast	-	-	Yes	Ex	Ex	

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Esters & Ethers	Amyl acetate	CH ₃ COO(CH ₂) ₄ CH ₃ (628-63-7)	-	Yes	Ex	Ex
	Butyl acetate	C ₆ H ₁₂ O ₂ (123-86-4)	-	Yes	Ex	Ex
	N-Butyl ether	C ₈ H ₁₈ O (142-96-1)	-	Yes	Ex	Ex
	Dibutyl phthalate	C ₁₆ H ₂₂ O ₄ (84-74-2)	-	Yes	Ex	Ex
	Dibutyl sebacate	C ₁₈ H ₃₄ O ₄ (109-43-3)	-	Yes	Ex	Ex
	Diethyl ether	(C ₂ H ₅) ₂ O (60-29-7)	-	Yes	Ex	Ex
	Diocetyl adipate	C ₂₂ H ₄₂ O ₄ (123-79-5)	-	Yes	Ex	Ex
	Diocetyl phthalate	C ₆ H ₄ (C ₈ H ₁₇ COO) ₂ (117-81-7)	-	Yes	Ex	Ex
	Diocetyl sebacate	(CH ₂) ₈ (COOC ₈ H ₁₇) ₂ (2432-87-3)	-	Yes	Ex	Ex
	Ethyl acetate	CH ₃ COOCH ₂ CH ₃ (141-78-6)	-	Yes	Ex	Ex
	Methyl acetate	CH ₃ COOCH ₃ (79-20-9)	-	Yes	Ex	Ex
	Propylene glycol monomethyl ether acetate	CH ₃ CO ₂ CH(CH ₃)CH ₂ OCH ₃ (108-65-6)	-	Yes	Ex	Ex
	Tributyl phosphate	(CH ₃ CH ₂ CH ₂ CH ₂ O) ₃ PO (126-73-8)	-	Yes	Ex	Ex
Gases	Butane	C ₄ H ₁₀ (106-97-8)	-	Yes	Ex	Ex
	Carbon dioxide	CO ₂ (124-38-9)	-	Yes	Ex	Ex
	Carbon monoxide	CO (630-08-0)	-	Yes	Ex	Ex
	Chlorine gas	Cl ₂ (7782-50-5)	-	Yes	G	G
	Hydrogen gas	H ₂ (1333-74-0)	-	Yes	Ex	Ex
	Hydrogen sulphide	H ₂ S (7783-06-4)	-	Yes	Ex	Ex
	Natural Gas (Methane)	CH ₄ (74-82-8)	-	Yes	Ex	Ex
	Nitrous oxide (dinitrogen monoxide)	N ₂ O (10024-97-2)	-	Yes	Ex	Ex
	Ozone (aqueous solution)	O ₃ (10028-15-6)	-	Yes	G	G
	Sulphur dioxide	SO ₂ (7446-09-5)	-	Yes	Ex	Ex
	Sulphur trioxide (sulphuric anhydride)	SO ₃ (7446-11-9)	-	Yes	Ex	Ex

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Halocarbons	Chlorobenzene	C ₆ H ₅ Cl <small>(108-90-7)</small>	-	Yes	Ex	Ex
	Chloroform	CHCl ₃ <small>(67-66-3)</small>	-	Yes*	P	P
	Methylene chloride (dichloromethane)	CH ₂ Cl ₂ <small>(75-09-2)</small>	-	Yes*	P	P
Hydrocarbons	Aviation fuel (AVCAT, AVGAS, AVTAG, AVTUR)	N/A	-	Yes	Ex	Ex
	Benzene (benzol)	C ₆ H ₆ <small>(71-43-2)</small>	-	Yes	Ex	Ex
	Cyclohexane	C ₆ H ₁₂ <small>(110-82-7)</small>	-	Yes	Ex	Ex
	Gasoline (petrol)	N/A <small>(8032-32-4)</small>	-	Yes	Ex	Ex
	Heptane	CH ₃ CH ₂ CH ₂ CH ₂ CH ₂ CH ₂ CH ₃ <small>(142-82-5)</small>	-	Yes	Ex	Ex
	Hexane	CH ₃ CH ₂ CH ₂ CH ₂ CH ₂ CH ₃ <small>(110-54-3)</small>	-	Yes	Ex	Ex
	Iso-octane (2,2,4-trimethylpentane)	(CH ₃) ₃ CCH ₂ CH(CH ₃) ₂ <small>(540-84-1)</small>	-	Yes	Ex	Ex
	Kerosene	N/A <small>(8008-20-6)</small>	-	Yes	Ex	Ex
	Mesitylene (1,3,5-trimethylbenzene)	C ₆ H ₃ (CH ₃) ₃ <small>(108-67-8)</small>	-	Yes	Ex	Ex
	Naphtha	N/A <small>(8030-30-6)</small>	-	Yes	Ex	Ex
	Naphthalene	C ₁₀ H ₈ <small>(91-20-3)</small>	-	Yes	Ex	Ex
	Paraffin	N/A <small>(8002-74-2)</small>	-	Yes	Ex	Ex
	Styrene	C ₆ H ₅ CH=CH ₂ <small>(100-42-5)</small>	-	Yes	Ex	Ex
	Toluene (methylbenzene, phenylmethane, toluol)	C ₆ H ₅ CH ₃ <small>(108-88-3)</small>	-	Yes	Ex	Ex
	Turpentine	N/A <small>(8006-64-2)</small>	-	Yes	Ex	Ex
White Spirit (Stoddard solvent, Mineral spirits)	N/A <small>(8052-41-3)</small>	-	Yes	Ex	Ex	
Xylene (dimethyl benzene, xylol)	C ₆ H ₄ (CH ₃) ₂ <small>(95-47-6/108-38-3/106-42-3/1330-20-7)</small>	-	Yes	Ex	Ex	

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Ketones & Aldehydes	Acetone	(CH ₃) ₂ CO <small>(67-64-1)</small>	-	Yes	Ex	Ex*
	Formaldehyde	HCHO <small>(50-00-0)</small>	37%	No	P	P
	Propionaldehyde	CH ₃ CH ₂ CHO <small>(123-38-6)</small>	-	No	P	P
	Methyl amyl ketone (2-Heptanone)	C ₇ H ₁₄ O <small>(110-43-0)</small>	-	Yes	Ex	Ex
	Methyl ethyl ketone (MEK, butanone)	CH ₃ C(O)CH ₂ CH ₃ <small>(78-93-3)</small>	-	Yes	Ex	Ex*
Miscellaneous	Brake fluid	-	-	Yes	Ex	Ex
	Bromine water (saturated)	-	-	Yes	G	G
	Emulsion paint	-	-	Yes	Ex	Ex
	Fertilizer solutions	-	-	Yes	Ex	Ex
	Grease	-	-	Yes	Ex	Ex
	Ink (water based)	-	-	Yes	Ex	Ex
	Isothiazolinone	C ₃ H ₃ NOS <small>(1003-07-2)</small>	-	Yes	Ex	Ex
	N-Methylpyrrolidone (NMP)	C ₅ H ₉ NO <small>(872-50-4)</small>	-	Yes	M	M
	Resins & rosins (natural)	-	-	Yes	Ex	Ex
	Roof pitch	-	-	Yes	Ex	Ex
	Rubber latex emulsions	-	-	Yes	Ex	Ex
	Sewage	-	-	Yes	Ex	Ex
	Sodium hypochlorite (bleach)	NaOCl <small>(7681-52-9)</small>	10%	Yes	G	G
	Starch	(C ₆ H ₁₀ O ₅) _n <small>(9005-25-8)</small>	-	Yes	Ex	Ex
	Tar	-	-	Yes	Ex	Ex
	Tetraethyl lead	(CH ₃ CH ₂) ₄ Pb <small>(78-00-2)</small>	-	Yes	Ex	Ex
	Tetrahydrofuran	(CH ₂) ₄ O <small>(109-99-9)</small>	-	Yes	G	G
	Urea	CO(NH ₂) ₂ <small>(57-13-6)</small>	32%	Yes	Ex	Ex
Water (deionised, distilled, fresh & sea)	H ₂ O <small>(7732-18-5)</small>	-	Yes	Ex	Ex	

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Oils - Mineral	Castor oil	-	-	Yes	Ex	Ex
	Coconut oil	-	-	Yes	Ex	Ex
	Cod liver oil	-	-	Yes	Ex	Ex
	Corn oil	-	-	Yes	Ex	Ex
	Diesel oil	-	-	Yes	Ex	Ex
	Hydraulic oil	-	-	Yes	Ex	Ex
	Lubricating oil	-	-	Yes	Ex	Ex
	Oil, petroleum	-	-	Yes	Ex	Ex
	Oil/water mixtures	-	-	Yes	Ex	Ex
	Silicone oil	-	-	Yes	Ex	Ex
	Soybean oil	-	-	Yes	Ex	Ex
Salt Solutions (All Concentrations)	Aluminium chloride	AlCl ₃ (7446-70-0)	-	Yes	Ex	Ex
	Aluminium sulphate	Al ₂ (SO ₄) ₃ (10043-01-3)	-	Yes	Ex	Ex
	Ammonium bicarbonate	(NH ₄)HCO ₃ (1066-33-7)	-	Yes	Ex	Ex
	Ammonium fluorosilicate	(NH ₄) ₂ SiF ₆ (16919-19-0)	-	Yes	Ex	Ex
	Ammonium nitrate	NH ₄ NO ₃ (6484-52-2)	-	Yes	Ex	Ex
	Ammonium phosphate	(NH ₄) ₃ PO ₄ (10361-65-6)	-	Yes	Ex	Ex
	Ammonium sulfate	(NH ₄) ₂ SO ₄ (7783-20-2)	-	Yes	Ex	Ex
	Barium carbonate	BaCO ₃ (513-77-9)	-	Yes	Ex	Ex
	Barium chloride	BaCl ₂ (10361-37-2)	-	Yes	Ex	Ex
	Barium sulfate	BaSO ₄ (7727-43-7)	-	Yes	Ex	Ex
	Barium sulphide	BaS (21109-95-5)	-	Yes	Ex	Ex
	Bromine chloride	BrCl (13863-41-7)	-	Yes	Ex	Ex
	Calcium carbonate	CaCO ₃ (471-34-1)	-	Yes	Ex	Ex
	Calcium chloride	CaCl ₂ (10043-52-4)	-	Yes	Ex	Ex
	Calcium fluoride	CaF ₂ (7789-75-5)	-	Yes	Ex	Ex
	Calcium hypochlorite	Ca(ClO) ₂ (7778-54-3)	-	Yes	Ex	Ex
	Calcium sulphate	CaSO ₄ (7778-18-9)	-	Yes	Ex	Ex

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					20°C (68°F)	40°C (104°F)
Salt Solutions (All Concentrations) continued	Chromium potassium sulphate (Chrome alum)	KCr(SO ₄) ₂ (10141-00-1)	-	Yes	Ex	Ex
	Copper acetate	Cu(CH ₃ COO) ₂ (142-71-2)	-	Yes	Ex	Ex
	Copper chloride	CuCl ₂ (7447-39-4)	-	Yes	Ex	Ex
	Copper nitrate	Cu(NO ₃) ₂ (3251-23-8)	-	Yes	Ex	Ex
	Copper sulphate	CuSO ₄ (7758-98-7)	-	Yes	Ex	Ex
	Ferric chloride	FeCl ₃ (7705-08-0)	-	Yes	Ex	Ex
	Ferric nitrate	Fe(NO ₃) ₃ (10421-48-4)	-	Yes	Ex	Ex
	Ferric sulfate	Fe ₂ (SO ₄) ₃ (10028-22-5)	-	Yes	Ex	Ex
	Ferrous chloride	FeCl ₂ (7758-94-3)	-	Yes	Ex	Ex
	Ferrous sulfate	FeSO ₄ (7720-78-7)	-	Yes	Ex	Ex
	Magnesium bisulfate	Mg(HSO ₄) ₂ (10028-26-9)	-	Yes	Ex	Ex
	Magnesium carbonate	MgCO ₃ (546-93-0)	-	Yes	Ex	Ex
	Magnesium chloride	MgCl ₂ (7786-30-3)	-	Yes	Ex	Ex
	Magnesium sulphate (Epsom salt)	MgSO ₄ (7487-88-9)	-	Yes	Ex	Ex
	Mercuric chloride	HgCl ₂ (7487-94-7)	-	Yes	Ex	Ex
	Mercuric cyanide	Hg(CN) ₂ (592-04-1)	-	Yes	Ex	Ex
	Nickel ammonium sulfate	(NH ₄) ₂ Ni(SO ₄) ₂ (7785-20-8)	-	Yes	Ex	Ex
	Nickel chloride	NiCl ₂ (7718-54-9)	-	Yes	Ex	Ex
	Nickel nitrate	Ni(NO ₃) ₂ (13138-45-9)	-	Yes	Ex	Ex
	Nickel sulphate	NiSO ₄ (7786-81-4)	-	Yes	Ex	Ex
Potassium bisulfite	KHSO ₃ (7773-03-7)	-	Yes	Ex	Ex	
Potassium bromide	KBr (7758-02-3)	-	Yes	Ex	Ex	
Potassium carbonate	K ₂ CO ₃ (584-08-7)	-	Yes	Ex	Ex	
Potassium chlorate	KClO ₃ (3811-04-9)	-	Yes	Ex	Ex	
Potassium chloride	KCl (7447-40-7)	-	Yes	Ex	Ex	

Excellent	Ex	No significant deterioration / barrier properties retained for greater than 52 weeks. <i>suitable for all applications including long term immersion</i>
Good	G	No significant deterioration / barrier properties retained for 12-52 weeks <i>Suitable for short-term immersion and general chemical contact</i>
Moderate	M	No significant deterioration / barrier properties retained for 1-12 weeks <i>Suitable for applications involving short term chemical contact e.g. spillage, splashing or secondary containment</i>
Poor	P	Significant deterioration / loss of barrier properties after 1 week or less <i>Not suitable for any applications</i>
*		Product must be post cured to deliver quoted chemical resistance. As for general guidance, the coating should be subjected to the following conditions as a minimum; 1hr at 100 °C/2hrs at 90 °C/4hrs at 80 °C/8hrs at 70 °C/16hrs at 60 °C. For specific recommendations, please contact Belzona.
Ex		Bold text highlights real life data obtained via chemical resistance testing
Ex		Normal font indicates that the resistance has been predicted based upon partial test data and /or similar reagents
Note:		Chemical resistance ratings are assigned based on the ability of a Belzona product to resist chemical attack and/or protect the underlying substrate. Belzona cannot guarantee the purity of the chemical, appearance or colour stability following contact.

	Chemical name (Synonym)	Chemical formula (CAS number)	Concentration	Chemical Resistance		
				Suitable for 72 hours chemical exposure?	Service at	
					20°C (68°F)	40°C (104°F)
Salt Solutions (All Concentrations) continued	Potassium cyanide	KCN (151-50-8)	-	Yes	Ex	Ex
	Potassium dichromate	K ₂ Cr ₂ O ₇ (7778-50-9)	-	Yes	Ex	Ex
	Potassium diphosphate	K ₂ HPO ₄ (7758-11-4)	-	Yes	Ex	Ex
	Potassium ferricyanide	K ₃ [Fe(CN) ₆] (13746-66-2)	-	Yes	Ex	Ex
	Potassium ferrocyanide	K ₄ [Fe(CN) ₆] (13943-58-3)	-	Yes	Ex	Ex
	Potassium iodide	KI (7681-11-0)	-	Yes	Ex	Ex
	Potassium nitrate	KNO ₃ (7757-79-1)	-	Yes	Ex	Ex
	Potassium permanganate	KMnO ₄ (7722-64-7)	-	Yes	Ex	Ex
	Potassium sulfate	K ₂ SO ₄ (7778-80-5)	-	Yes	Ex	Ex
	Potassium sulfide	K ₂ S (1312-73-8)	-	Yes	Ex	Ex
	Potassium sulphite	K ₂ SO ₃ (10117-38-1)	-	Yes	Ex	Ex
	Silver nitrate	AgNO ₃ (7761-88-8)	-	Yes	Ex	Ex
	Sodium acetate	CH ₃ COONa (127-09-3)	-	Yes	Ex	Ex
	Sodium aluminate	NaAlO ₂ (1302-42-7)	-	Yes	Ex	Ex
	Sodium bicarbonate	NaHCO ₃ (144-55-8)	-	Yes	Ex	Ex
	Sodium bisulfate	NaHSO ₄ (7681-38-1)	-	Yes	Ex	Ex
	Sodium bisulfite	NaHSO ₃ (7631-90-5)	-	Yes	Ex	Ex
	Sodium borate (borax)	Na ₂ B ₄ O ₇ (1303-96-4)	-	Yes	Ex	Ex
	Sodium bromide	NaBr (7647-15-6)	-	Yes	Ex	Ex
	Sodium carbonate (soda ash)	Na ₂ CO ₃ (497-19-8)	-	Yes	Ex	Ex
	Sodium chlorate	NaClO ₃ (7775-09-9)	-	Yes	Ex	Ex
	Sodium chloride	NaCl (7647-14-5)	-	Yes	Ex	Ex
Sodium chromate	Na ₂ CrO ₄ (7775-11-3)	-	Yes	Ex	Ex	
Sodium cyanide	NaCN (143-33-9)	-	Yes	Ex	Ex	

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	Chemical name (Synonym)	Chemical formula (CAS number)	Concentration	Chemical Resistance		
				Suitable for 72 hours chemical exposure?	Service at	
					20°C (68°F)	40°C (104°F)
Salt Solutions (All Concentrations) continued	Sodium fluoride	NaF (7681-49-4)	-	Yes	Ex	Ex
	Sodium fluorosilicate	Na ₂ SiF ₆ (16893-85-9)	-	Yes	Ex	Ex
	Sodium metaphosphate	(NaPO ₃) ₆ (10124-56-8)	-	Yes	Ex	Ex
	Sodium metasilicate (sodium silicate)	Na ₂ SiO ₃ (6834-92-0)	-	Yes	Ex	Ex
	Sodium nitrate	NaNO ₃ (7631-99-4)	-	Yes	Ex	Ex
	Sodium phosphate (dibasic)	Na ₂ HPO ₄ (7558-79-4)	-	Yes	Ex	Ex
	Sodium phosphate (tribasic)	Na ₃ PO ₄ (7601-54-9)	-	Yes	Ex	Ex
	Sodium sulfate	Na ₂ SO ₄ (7757-82-6)	-	Yes	Ex	Ex
	Sodium sulfide	Na ₂ S (1313-82-2)	-	Yes	Ex	Ex
	Stannous chloride (tin chloride)	SnCl ₂ (7772-99-8)	-	Yes	Ex	Ex
	Zinc chloride	ZnCl ₂ (7646-85-7)	-	Yes	Ex	Ex
	Zinc sulfate	ZnSO ₄ (7733-02-0)	-	Yes	Ex	Ex

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