

Page: 1 of 6

Infosafe No™ 1CH9X

Issue Date : August 2021 RE-ISSUED by CHEMSUPP

Product Name SODIUM BENZOATE

Not classified as hazardous

1. Identification				
GHS Product Identifier	SODIUM BENZOATE			
Company Name	CHEMSUPPLY AUSTRALIA PTY LTD (ABN 19 008 264 211)			
Address	38 - 50 Bedford Street GILLMAN SA 5013 Australia			
Telephone/Fax Number	Tel: (08) 8440-2000			
Emergency phone number	CHEMCALL 1800 127 406 (Australia) / +64-4-917-9888 (International)			
E-mail Address	www.chemsupply.com.au			
Recommended use of the chemical and restrictions on use	Preservative in foods, cosmetics, mouthwashes, pharmaceuticals and paints; tobacco; corrosion inhibitor in engine cooling systems and paints; production of razor blades, engine parts, bearings, etc.; c intermediate for manufacture of dyes; rust and mildew inhibitor; an medicine; pharmaceutical preparations; diagnostic reagent for liver nerve stimulant in combination with caffeine and laboratory reagent	<pre>water-based water-based chemical tiseptic; functions;</pre>		
Other Names	Name Product Code	<u>e</u>		
	SODIUM BENZOATE LRSL035SODIUM BENZOATE Food GradeSP035			
Other Information	ChemSupply Australia Pty Ltd does not warrant that this product is for any use or purpose. The user must ascertain the suitability of before use or application intended purpose. Preliminary testing of before use or application is recommended. Any reliance or purported upon ChemSupply Australia Pty Ltd with respect to any skill or judg advice in relation to the suitability of this product of any purpos disclaimed. Except to the extent prohibited at law, any condition i any statute as to the merchantable quality of this product or fitne purpose is hereby excluded. This product is not sold by description provisions of Part V, Division 2 of the Trade Practices Act apply, liability of ChemSupply Australia Pty Ltd is limited to the replace supply of equivalent goods.	suitable the product the product reliance ement or se is mplied by ess for any the the the goods or		
2. Hazard Identifi	ïcation			

GHS classification of
the
substance/mixtureClassified as non-Hazardous according to the Globally Harmonised System of
classification and labelling of Chemicals (GHS) including Work, Health and
Safety regulations, Australia. Not classified as dangerous goods according to
the ADG Code.

3. Composition/information on ingredients

Ingredients	Name	CAS	Proportion
	Sodium benzoate	532-32-1	100 %
4. First-aid meası	ires		
Inhalation	Remove victim to fresh a	air. Seek medical advice i	f effects persist.
Ingestion	Rinse mouth thoroughly product have been remove effects persist.	with water immediately, rep ed. DO NOT INDUCE VOMITING.	peat until all traces of Seek medical advice if
Skin	Wash with plenty of soap	p and water. If irritation	n occurs seek medical advice.
Eye contact	If contact with the eye(s) occur, wash with copious amounts of water for approximately 15 minutes holding eyelids(s) open. Take care not to rinse contaminated water into the non-effected eye. If irritation develops seek medical attention.		
First Aid Facilities	Maintain eyewash founta	in and safety shower in wor	ck area.
Advice to Doctor	Treat symptomatically be	ased on judgement of doctor	and individual reactions of

Print Date: 31/08/2021



Page: 2 of 6

Infosafe No™ 1CH9X Issue Date :August 2021 RE-ISSUED by CHEMSUPP

Product Name SODIUM BENZOATE

Not classified as hazardous

	the patient.
	Consider the effects of sodium on the respiratory system.
Other Information	For advice, contact a Poisons Information Centre (Phone eg Australia 13 1126; New Zealand 0800 764 766) or a doctor.

5. Fire-fighting measures

Hazards from Combustion Products	May liberate toxic and corrosive fumes in fire including disodium oxide, sodium/sodium oxides, benzoic acid, sodium carbonate, carbon monoxide, carbon dioxide.
Specific Methods	<pre>Small fire: Use dry chemical, CO2, water spray or foam. Large fire: Use water spray, fog or foam. If safe to do so, move undamaged containers from the fire area. Cool containers with flooding quantities of water until well after the fire is out.</pre>
Specific hazards arising from the chemical	May burn but do not ignite readily. Runoff may pollute waterways. Fire may produce irritating, poisonous and/or corrosive fumes.
Precautions in connection with Fire	Wear SCBA and structural firefighter's uniform.

6. Accidental release measures

Personal Precautions Personal Protection	Avoid substance contact. Avoid generation of dusts: do not inhale dusts. Ensure supply of fresh air in enclosed rooms. Wear protective clothing specified for normal operations (see Section 8)
Clean-up Methods - Small Spillages	Sweep up (avoid generating dust) and using clean non-sparking tools transfer to a clean, suitable, clearly labelled container for disposal in accordance with local regulations.

7. Handling and storage

Precautions for Safe Handling	Avoid generation or accumulation of dusts. Avoid prolonged or repeated contact with skin, eyes and clothing . Use in well ventilated areas. In case of insufficient ventilation, wear suitable respiratory equipment.
Conditions for safe storage, including any incompatibilities	Store in a tightly closed container, in a cool, dry, ventilated area away from incompatibles. Store away from oxidizing agents. Hygroscopic. Keep well closed and protected from direct sunlight and moisture. Containers should be kept closed as much as possible. Protect from physical damage. Avoid dust formation and control ignition sources.
Corrosiveness	Corrosivity to Metals: Not corrosive. Pure, solid sodium benzoate is not corrosive to copper, Incolloy, silicon copper, steel, cast iron, stainless steel (types 26-1, 304 and 316), nickel alloys, tantalum and titanium (corrosion rate less than 0.05 mm/year); or to aluminium, Hastelloy, Inconel, Monel, nickel and silicon bronze (corrosion rate less than 0.5 mm/year). Sodium benzoate solutions (5-60% concentrations in water) are not corrosive to copper and bronze (corrosion rate less than 0.05 mm/year) or to steel, cast iron, stainless steel (types 12 Cr, 17 Cr, 26-1, 304, 316 and 20-25-4.5), brass, nickel and its alloys and titanium (corrosion rate less than 0.5 mm/year) at 25-93 °C. Corrosivity to Non-Metals: Pure, solid sodium benzoate does not attack plastics, such as acrylonitrile-butadiene-styrene (ABS), chlorinated polyether (Penton), chlorinated polyvinyl chloride (CPVC), E-CTFE (Halar), ETFE (Tetzel), FEP, nylon, Teflon, polyethylene, polypropylene, polyvinyl chloride (PVC), polyvinylidene fluoride (PVDF; Kynar) and vinyl ester; and elastomers, such as as Chemraz (FPM), Fluorocarbon FKM, chloroprene, ethylene-propylene-diene (EPDM), ethylene-propylene terpolymer (EPT), Kalrez (FPM), Nitrile Buna-N (NBR) and Nordel (EPDM). Teflon is resistant greater than 238 deg C and FEP is resistant to 204 °C.
Storage	Store at room temperature (15 to 25 $^\circ ext{C}$ recommended).
Temperatures	

8. Exposure controls/personal protection

Other Exposure	A time weighted average (TWA) concentration for an 8 hour day, and 5 day week
Information	has not been established by Safe Work Australia for this product. There is a



Page: 3 of 6

Infosafe No™	1СН9Х		Issue	Date	:August	2021	RE-ISSUED by	CHEMSUPP
Product Name	SODIUM	BENZO	ATE					
			Not c	lassif	ied as h	azardous		
	blanket establi control be kept should concent	limit shed. of occ to as not be rations	of 10 mg These Wo upationa low a le used as of cher	g/m³ fo orkplac al heal evel as fine d nicals.	r dusts w e Exposur th hazard is worka ividing l They are	hen limits have e Standards and s. All atmosphe ble. These wond ines between so not a measure	ve not otherwise re guides to be u heric contamination rkplace exposure safe and dangerou e of relative top	been used in the ion should standards us kicity.
Appropriate engineering controls	Maintai: process at the	n the c modifi source,	oncentra cation, or othe	ations use of er meth	values be local ex ods.	low the TWA. T haust ventilat	This may be achie tion, capturing s	eved by substances
Respiratory Protection	Usually Where prespirate Devices of Resp. on expos	is not rotection tory pro- and se iratory sure le	require on is re otection lect in Protect vels.	ed. equired n that accord tive De	from nui complies ance with vices. Fi	sance levels o with AS 1716 - AS 1715 - Sel lter capacity	of dust or mists - Respiratory Pro lection, Use and and respirator t	select otective Maintenance type depends
Eye Protection	The use protect be sele	of a failed of a failed and a failed a fail	ace shie appropri d used i	eld, ch iate. in acco	emical go Must comp rdance wi	ggles or safet ly with Austra th AS 1336.	ty glasses with s alian Standards A	side shield AS 1337 and
Hand Protection	Wear glo protect. appropr. can inc.	oves of ive glo iate glo lude me iate ri	imperv: ves - Se ove type thods of sk asses	ious ma electio e will f handl	terial co n, use an vary acco ing, and	nforming to AS d maintenance rding to indix engineering co	S/NZS 2161: Occup . Final choice o vidual circumstar ontrols as deterr	Dational of nces. This nined by
Personal Protective Equipment	Persona and sho do not protect	l prote uld onl elimina ive equ r appro	ctive ed y be use te or su ipment d ved star	quipmen ed when ufficie can be ndards.	t should all othe ntly mini obtained	not solely be r reasonably p mise risk. Gu from Australia	relied upon to o practicable contr idance in select an, Australian/Ne	control risk col measures ing personal ew Zealand
Body Protection	Flame re clothine against Hazardo	etardan g shoul chemic us Chem	t antist d be wor als shou icals.	tatic p rn, pre ild com	rotective ferably w ply with	clothing. Cle ith an apron. AS 3765 Clothi	ean clothing or p Clothing for pro ing for Protectio	protective ptection on Against
Hygiene Measures	Always contamin re-usin	wash ha nated c g.	nds befo lothing	ore smo and ot	king, eat her prote	ing or using t ctive equipmer	the toilet. Wash nt before storing	g or

9. Physical and chemical properties

Form	Solid
Appearance	White, granules, crystalline powder or flakes.
Odour	Odourless.
Melting Point	410 - 430 °C
Boiling Point	Does not boil (decomposes).
Solubility in Water	Very soluble (61-63 g/100 mL at 25 $^{\circ}$ C).
Solubility in Organic Solvents	Moderately soluble in ethanol (1.3 g/100 mL); soluble in glycerol and methanol.
Specific Gravity	1.44 (water = 1).
рН	pH 7.0 - 8.5 (144.1 g/l @ 25 °C).
Vapour Pressure	Not applicable. Does not form vapour.
Partition Coefficient: n-octanol/water	$\log P(o/w) = -2.27$
Flash Point	>100°C
Flammability	Combustible.
Auto-Ignition Temperature Flammable Limits - Lower	> 500 °C Airborne dust can be ignited.

Print Date: 31/08/2021



Page: 4 of 6

Infosafe No™	1СН9Х	Issue Date	:August	2021	RE-ISSUED by CHEMSUP	P
Product Name	SODIUM BENZO	ATE				
		Not classi	fied as ha	azardous		
Explosion Properties	Potential for can explode wh or other ignit process or sam particle size oxygen concent Minimum Igniti Minimum Explos Minimum Cloud Maximum Explos Maximum Rate o	Dust Explosion en ignited by ion source. Wh ple of materia and shape, dus ration, humids on Temperature in Temperature ible Concentra Ignition Energy ion Pressure: f Pressure Ris	ns: Under of an electro hen evaluat al, the imp st concentrativ, and ex- e (Cloud): e (Layer): ation: 50 of gy: 80 mill 630 kPa (6 se: 25600 k	certain condit postatic spark, sing the explo portant factor cation, the na stent of conta 560 °C. 680 °C. g/m ³ . Lijoules (mj). 5.3 bar; 91 ps cPa/sec (256 b	<pre>cions, sodium benzoate dus other high-voltage spark osion hazard of a specific es to consider include: uture of any impurities, inment. si). oar/sec; 3700 psi/sec).</pre>	st cs c
Molecular Weight	144.11					
10. Stability and r	eactivity					
Chemical Stability	Stable under o	rdinary condit	cions of us	se and storage	e. Hygroscopic	
Conditions to Avoid	Generation of heat and other	dust, exposure ignition sour	e to moist cces.	air or water,	static charge, sparks,	
Incompatible Materials	Strong oxidizi perchlorates), alkalis, miner	ng agents (e.g acids (e.g.) al acids.	g. calcium Nydrochlori	hypochlorite, lc acid, sulfu	nitric acid, aric acid), ferric salts,	
Hazardous Decomposition Products	Disodium oxide monoxide, carb	, sodium/sodiu on dioxide.	um oxides,	benzoic acid,	sodium carbonate, carbor	ı
Possibility of hazardous reactions	Can react vigo nitric acid, p May react vigo produce benzoi	rously with st erchlorates), rously with ac c acid.	trong oxidi with an ir cids (e.g.	lzing agents (hcreased risk hydrochloric	e.g. calcium hypochlorite of fire. acid, sulfuric acid) - to	e,
Hazardous Polymerization	Will not occur					

11. Toxicological Information

11. IUXICOlogical I	
Ingestion	May cause digestive tract irritation.
Inhalation	May cause respiratory tract irritation.
Skin	No adverse effects due to skin contact are expected.
Eye	Direct contact with eyes may cause temporary irritation.
Respiratory sensitisation	Not classified based on available information.
Skin Sensitisation	Not classified based on available information.
Germ cell mutagenicity	Not classified based on available information.
Carcinogenicity	Not listed in the IARC Monographs. Not classified based on available information.
Reproductive Toxicity	Not classified based on available information.
STOT-single exposure	Not classified based on available information.
STOT-repeated exposure	Not classified based on available information.
Chronic Effects	This material is normally rapidly excreted from the body, but in cases of impaired renal function, dangerous quantities of this salt may build up. Repeated or prolonged exposure may cause non-allergic hives, itchiness and a skin rash in sensitive individuals. Ingestion of very high doses (up to 2%) has not produced significant harmful effects. Extremely high doses (4 or 8%) have caused deaths.
Serious eye damage/irritation	Not classified based on available information.

Print Date: 31/08/2021



Page: 5 of 6

Issue Date : August 2021 RE-ISSUED by CHEMSUPP

Product Name SODIUM BENZOATE

Not classified as hazardous

Skin

Not classified based on available information.

corrosion/irritation 12. Ecological information

Ecological Information	No ecological problems are to be expected when the product is handled and used with due care and attention.
Persistence and degradability	Biological degradability: 90% / 7 d. REadily biodegradable.
Environmental Fate	Behaviour in environmental compartments: Distribution: log P(o/w) = -2.27
Bioaccumulative Potential	No appreciable bioaccumulation potential is to be expected (log P(o/w) <1, 1-3).

13. Disposal considerations

Disposal	Whatever cannot be saved for recovery or recycling should be disposed of
Considerations	according to relevant local, state and federal government regulations.

14. Transport information

Information	Transport of Dangerous Goods by Road and Rail.
Transport	Not classified as a Dangerous Good according to the Australian Code for the

15. Regulatory information

Regulatory Information	All the constituents of this product are listed on the Australian Inventory of Chemical Substances (AICS), or exempted. Not listed under WHS Regulation 2011, Schedule 10 - Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.
Poisons Schedule	Not Scheduled

16. Other Information

Literature References	'Standard for the Uniform Scheduling of Medicines and Poisons .', Commonwealth of Australia.
	National Road Transport Commission, 'Australian Code for the Transport of
	Dangerous Goods by Road and Rail 7th. Ed.'.
	Safe Work Australia, 'National Code of Practice for the Preparation of Safety
	Standards Australia, 'SAA/SNZ HB 76:2010 Dangerous Goods - Initial Emergency Response Guide', Standards Australia/Standards New Zealand.
	Safe Work Australia, 'National Code of Practice for the Labelling of Safe Work Hazardous Substances'.
	Safe Work Australia, 'National Exposure Standards for Atmospheric Contaminants in the Occupational Environment'.
Contact Person/Point	Paul McCarthy Ph. (08) 8440 2000 DISCLAIMER STATEMENT:
	All information provided in this data sheet or by our technical
	representatives is compiled from the best knowledge available to us. However, since data, safety standards and government regulations are subject to change
	and the conditions of handling and use, or misuse, are beyond our control, we
	make no warranty either expressed or implied, with respect to the completeness
	or accuracy to the information contained herein. ChemSupply Australia Pty Ltd
	may be obtained by customers from using the data and disclaims all liability
	for reliance on information provided in this data sheet or by our technical
	representatives.
Empirical Formula	Empirical Formula: NaC7H5O2.
& Structural	Structural Formula: C6H5COONa.
Formula	
	End Of MSDS
	@ Comminist Charical Orford Tetranational Data Ital

© Copyright Chemical Safety International Pty Ltd



Page: 6 of 6

Infosafe No™ 1CH9X

Issue Date : August 2021 RE-ISSUED by CHEMSUPP

Product Name SODIUM BENZOATE

Not classified as hazardous

Copyright in the source code of the HTML, PDF, XML, XFO and any other electronic files rendered by an Infosafe system for Infosafe MSDS displayed is the intellectual property of Chemical Safety International Pty Ltd.

Copyright in the layout, presentation and appearance of each Infosafe MSDS displayed is the intellectual property of Chemical Safety International Pty Ltd. The compilation of MSDS's displayed is the intellectual property of Chemical Safety International Pty Ltd.

Copying of any MSDS displayed is permitted for personal use only and otherwise is not permitted. In particular the MSDS's displayed cannot be copied for the purpose of sale or licence or for inclusion as part of a collection of MSDS without the express written consent of Chemical Safety International Pty Ltd.