

Infosafe No™ 1CH85 Issue Date : November 2021 RE-ISSUED by CHEMSUPP

Product Name **SODIUM SALICYLATE**

Classified as hazardous

1. Identification

GHS Product Identifier SODIUM SALICYLATE

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 Production of salicylic acid; preservative for paste, mucilage, glue and hides; medicine (analgesic) and laboratory reagent.

| Other Names | <u>Name</u> | <u>Product Code</u> |
|--------------------|---------------------------------------|----------------------------|
| | SODIUM SALICYLATE LR | SL205 |
| | 2-Hydroxybenzoic acid monosodium salt | |

Other Information

ChemSupply Australia Pty Ltd does not warrant that this product is suitable for any use or purpose. The user must ascertain the suitability of the product before use or application intended purpose. Preliminary testing of the product before use or application is recommended. Any reliance or purported reliance upon ChemSupply Australia Pty Ltd with respect to any skill or judgement or advice in relation to the suitability of this product of any purpose is disclaimed. Except to the extent prohibited at law, any condition implied by any statute as to the merchantable quality of this product or fitness for any purpose is hereby excluded. This product is not sold by description. Where the provisions of Part V, Division 2 of the Trade Practices Act apply, the liability of ChemSupply Australia Pty Ltd is limited to the replacement of supply of equivalent goods or payment of the cost of replacing the goods or acquiring equivalent goods.

2. Hazard Identification

GHS classification of the substance/mixture Eye Damage/Irritation: Category 2A
Acute Toxicity - Oral: Category 4

Signal Word (s) WARNING

Hazard Statement (s) H302 Harmful if swallowed.
H319 Causes serious eye irritation.

Pictogram (s) Exclamation mark



Precautionary statement – Prevention P264 Wash thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statement – Response P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P330 Rinse mouth.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.

Precautionary statement – Disposal P501 Dispose of contents/container to an approved waste disposal plant.

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3. Composition/information on ingredients

| Ingredients | Name | CAS | Proportion |
|-------------|-------------------|---------|------------|
| | Sodium salicylate | 54-21-7 | 100 % |

4. First-aid measures

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| Inhalation | If inhaled, remove from contaminated area to fresh air immediately. Apply artificial respiration if not breathing. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear. |
| Ingestion | Rinse mouth thoroughly with water immediately, repeat until all traces of product have been removed. DO NOT INDUCE VOMITING. Seek medical advice if effects persist. |
| Skin | Wash affected areas with copious quantities of water. Remove contaminated clothing and wash before re-use. |
| Eye contact | In case of contact with eyes, wash with running water holding eyelids open. Take care not to rinse contaminated water into a non-affected eye. In all cases of eye contamination it is a sensible precaution to seek medical advice. |
| First Aid Facilities | Maintain eyewash fountain and safety shower in work area. |
| Advice to Doctor | Treat symptomatically based on judgement of doctor and individual reactions of the patient. |
| 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

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| Hazards from Combustion Products | Carbon monoxide, irritating and highly toxic fumes and gases, carbon dioxide, sodium oxides. |
| Specific Methods | Use extinguishing media most appropriate for the surrounding fire. Small fire: Use dry chemical, CO ₂ , water spray or foam. Large fire: Use water spray, fog or foam. |
| Specific hazards arising from the chemical | May burn but do not ignite readily. Fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. |
| Precautions in connection with Fire | Wear SCBA and structural firefighter's uniform. |

6. Accidental release measures

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| Personal Precautions | Avoid inhalation, contact with skin, eyes and clothing. |
| Personal Protection | 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

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| Precautions for Safe Handling | Avoid ingestion and inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure. Minimize dust generation and accumulation. Ensure good ventilation at the workplace. Use with adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Wear suitable protective clothing. Open and handle container with care. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Protect from physical damage. Store in the dark. Store away from sources of heat, moisture, incompatibilities. |
| Conditions for safe storage, including any incompatibilities | Store in a tightly closed container, in a cool, dry, ventilated area away from incompatibilities. Protect from physical damage. Light sensitive. Keep well closed and protected from light and moisture. Store in the dark. Combustible materials should be stored away from extreme heat and away from oxidizing agents. |
| Storage Temperatures | Store at room temperature (15 to 25 °C recommended). |

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8. Exposure controls/personal protection

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| Other Exposure Information | No exposure standards have been established for this product by Safe Work Australia, however, the TWA exposure standard for dusts/mists not otherwise specified is 10 mg/m ³ . All atmospheric contamination should be kept to as low a level as is workable. These Workplace Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These workplace exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity. |
| Appropriate engineering controls | Maintain the concentrations values below the TWA. This may be achieved by process modification, use of local exhaust ventilation, capturing substances at the source, or other methods. |
| Respiratory Protection | Where ventilation is not adequate, respiratory protection may be required. Avoid breathing dust, vapours or mists. Respiratory protection should comply with AS 1716 - Respiratory Protective Devices and be selected in accordance with AS 1715 - Selection, Use and Maintenance of Respiratory Protective Devices. Filter capacity and respirator type depends on exposure levels. In event of emergency or planned entry into unknown concentrations a positive pressure, full-facepiece SCBA should be used. If respiratory protection is required, institute a complete respiratory protection program including selection, fit testing, training, maintenance and inspection. |
| Eye Protection | The use of a face shield, chemical goggles or safety glasses with side shield protection as appropriate. Must comply with Australian Standards AS 1337 and be selected and used in accordance with AS 1336. |
| Hand Protection | Wear gloves of impervious material conforming to AS/NZS 2161: Occupational protective gloves - Selection, use and maintenance. Final choice of appropriate glove type will vary according to individual circumstances. This can include methods of handling, and engineering controls as determined by appropriate risk assessments. Avoid skin contact when removing gloves from hands, do not touch the gloves outer surface. Dispose of gloves as hazardous waste. |
| Personal Protective Equipment | Personal protective equipment should not solely be relied upon to control risk and should only be used when all other reasonably practicable control measures do not eliminate or sufficiently minimise risk. Guidance in selecting personal protective equipment can be obtained from Australian, Australian/New Zealand or other approved standards. |
| Footwear | Safety boots in industrial situations is advisory, foot protection should comply with AS 2210, Occupational protective footwear - Guide to selection, care and use. |
| Body Protection | Clean impervious clothing should be worn. Clothing for protection against chemicals should comply with AS 3765 Clothing for Protection Against Hazardous Chemicals. |
| Hygiene Measures | Always wash hands before smoking, eating or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using. |

9. Physical and chemical properties

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| Form | Solid |
| Appearance | Colourless to white crystals or crystalline powder; turns pink on exposure to light. |
| Melting Point | 200 °C. |
| Solubility in Water | Very soluble (111 g/100 g @ 15 °C). |
| Solubility in Organic Solvents | Soluble in alcohol and glycerol. |
| Specific Gravity | ~ 0.32 (bulk) |
| pH | pH ~6.5 (100g/l H ₂ O) |
| Volatile Component | 0 %vol @ 21 °C |

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| Partition Coefficient: | Log P(o/w): -1.43 |
| n-octanol/water | |
| Flammability | Combustible. |
| Auto-Ignition Temperature | >250 °C. |
| Explosion Properties | Fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. |
| Molecular Weight | 160.023 |
| Other Information | Saline taste. |

10. Stability and reactivity

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| Chemical Stability | Stable under ordinary conditions of use and storage. May discolour on exposure to light. |
| Conditions to Avoid | Light, high temperatures, incompatible materials. |
| Incompatible Materials | Oxidizing agents, strong acids, ferric salts, metallic salts, lime water, iodine, silver nitrate, spirit nitrous ether, mineral acids, lead acetate, sodium phosphate powder, light. |
| Hazardous Decomposition Products | Carbon monoxide, carbon dioxide, sodium oxides. |
| Hazardous Polymerization | Will not occur. |

11. Toxicological Information

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| Acute Toxicity - Oral | LD50 (rat): 930 mg/kg |
| Ingestion | Harmful if swallowed. May cause mucosal and gastrointestinal irritation with headache, nausea, vomiting, diarrhoea, gastric pain, gastric disturbances, dizziness, spasms, muscle tremor, impaired motor function and electrolytic imbalance. May be harmful if swallowed. Ingestion of sizable amounts can cause 'salicylism', as evidenced by abdominal pain, vomiting, increased respiration, agitation, euphoria, fever, impaired vision, dyspnoea, mental disturbances and collapse. May cause systemic toxic effects on the heart, liver, and kidneys. |
| Inhalation | May cause irritation to the respiratory tract. Symptoms may include coughing, sore throat, labored breathing, and chest pain. |
| Skin | May cause irritation with redness and pain. May be harmful if absorbed through the skin. |
| Eye | Causes serious eye irritation, redness, pain and possible damage. |
| 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 | Chronic ingestion may cause effects similar to those of acute ingestion. |
| Serious eye damage/irritation | Eye Damage/Irritation: Category 2A H319 Causes serious eye irritation. |
| Human Effects | Salicylic acid and other salicylates are transferred into breast milk. Animal |

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and human data suggest that the reduced clearance of salicylates by neonates may result in drug accumulation and toxic effects even when repeated exposures are small. Because of these concerns, the WHO Working Group on Human Lactation classified the salicylates as unsafe for use by nursing women.

12. Ecological information

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| Ecotoxicity | Quantitative data on the ecological effect of this product are not available. |
| Persistence and degradability | Biodegradable: 88%/15d. Readily biodegradable. |
| Bioaccumulative Potential | No bioaccumulation is to be expected (log P(o/w) <1.0). Distribution: Log P(o/w): -1.43 (experimental) |
| Other Precautions | Danger to drinking water if even small quantities leak into the ground. |
| Environmental Protection | Do not allow to enter waters, waste water, or soil! |
| Acute Toxicity - Fish | LC50 (Pimephales promelas): 1470 mg/l /96 h. |

13. Disposal considerations

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

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

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| 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

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| 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 Data Sheets for Hazardous Chemicals'. Standards Australia, 'SAA/SNZ HB 76:2010 Dangerous Goods - Initial Emergency Response Guide', Standards Australia/Standards New Zealand. Safe Work Australia, 'Hazardous Chemical Information System'. 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 accepts no responsibility whatsoever for its accuracy or for any results that 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 & Structural Formula | Empirical Formula: C7H5O3Na. Structural Formula: HOC6H4COONa. |

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