



sodium salicylate

**Hazard Alert Code:
HIGH**

Chemwatch Material Safety Data Sheet

Version No: 6

Chemwatch 13640

Issue Date: 20-Feb-2011

CD 2011/1

XC9317TC

Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME

sodium salicylate

SYNONYMS

C7H5NaO3, 2-(HO)C6H4-CO2Na, "salicylic acid, monosodium salt", "benzoic acid, 2-hydroxy-, monosodium salt", "2-hydroxybenzoic acid monosodium salt", "o-hydroxybenzoic acid sodium salt", "monosodium 2-hydroxybenzoate", "salicylic acid, sodium salt", "sodium o-hydroxybenzoate", "sodium salicylic acid", Alysine, Ardall, Aroall, Clin, Diuretin, Enterosalicyl, Enterosalil, "Idocyl Novum", Kerasalicyl, Kerosal, Magsalyl, Nadisal, Natrium, Salicylat, Neo-Salicyl, Parbocyl-Rev, Salisod, Salsonin, "NSAID analgesics", anti-pyretic, anti-inflammatory

PRODUCT USE

As a preservative for paste, mucilage, glues and hides. Used in medicine as an analgesic, anti-inflammatory and antipyretic.

SUPPLIER

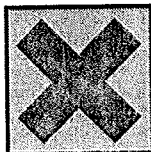
Company: Quantum Scientific - A VWR Company
 Address
 Unit 1 31 Archimedes Place
 Murarrie, QLD 4172
 Australia
 Telephone: +61 7 3009 4100
 Emergency Tel: +61 7 3009 4100 (Monday - Friday 8:30am - 5:00pm;
 General Information)
 Fax: +61 7 3009 4199

Company: Crown Scientific - A VWR Company
 Address:
 Unit 1 21 Huntsmore Road
 Minto, NSW 256
 Australia
 Telephone: 1300 727 696
 Emergency Tel: +61 2 9933 4000 (Monday - Friday 8:30am - 5:00pm;
 General Information)
 Fax: 1300 135 123

Section 2 - HAZARDS IDENTIFICATION

STATEMENT OF HAZARDOUS NATURE

HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS. According to NOHSC Criteria, and ADG Code.



POISONS SCHEDULE

None

RISK

Risk Codes	Risk Phrases
R22	• Harmful if swallowed.
R37/38	• Irritating to respiratory system and skin.
R41	• Risk of serious damage to eyes.

SAFETY

Safety Codes	Safety Phrases
S53	• Avoid exposure - obtain special instructions before use.
S40	• To clean the floor and all objects contaminated by this material, use water.
S13	• Keep away from food, drink and animal feeding stuffs.
S46	• If swallowed, IMMEDIATELY contact Doctor or Poisons Information Centre. (show this container or label).

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

NAME	CAS RN	%
sodium salicylate	54-21-7	>98



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NAME

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CAS RN

54-21-7

%

>98

Limit exposure duration to 1 BA set 30 mins.

Section 6 - ACCIDENTAL RELEASE MEASURES

MINOR SPILLS

- Clean up waste regularly and abnormal spills immediately.
- Avoid breathing dust and contact with skin and eyes.
- Wear protective clothing, gloves, safety glasses and dust respirator.
- Use dry clean up procedures and avoid generating dust.

MAJOR SPILLS

- Moderate hazard.
- CAUTION: Advise personnel in area.
- Alert Emergency Services and tell them location and nature of hazard.
- Control personal contact by wearing protective clothing.
- Prevent, by any means available, spillage from entering drains or water courses.

Personal Protective Equipment advice is contained in Section 8 of the MSDS.

Section 7 - HANDLING AND STORAGE

PROCEDURE FOR HANDLING

- Avoid all personal contact, including inhalation.
- Wear protective clothing when risk of exposure occurs.
- Use in a well-ventilated area.
- Prevent concentration in hollows and sumps.

Empty containers may contain residual dust which has the potential to accumulate following settling. Such dusts may explode in the presence of an appropriate ignition source.

- Do NOT cut, drill, grind or weld such containers.
- In addition ensure such activity is not performed near full, partially empty or empty containers without appropriate workplace safety authorisation or permit.

SUITABLE CONTAINER

- Glass container is suitable for laboratory quantities
- Polyethylene or polypropylene container.
- Check all containers are clearly labelled and free from leaks.

STORAGE INCOMPATIBILITY

- Avoid strong acids, bases.
 - Avoid reaction with oxidising agents
- Incompatible with ferric salts, lime water, spirit nitrous ether, iodine, lead acetate, silver nitrate and sodium phosphate.

STORAGE REQUIREMENTS

- Store in original containers.
- Keep containers securely sealed.
- Store in a cool, dry area protected from environmental extremes.
- Store away from incompatible materials and foodstuff containers.

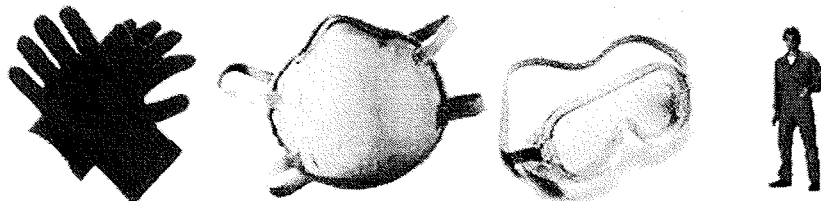
Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE CONTROLS

The following materials had no OELs on our records

- sodium salicylate: CAS:54-21-7

PERSONAL PROTECTION



RESPIRATOR

- particulate.

EYE

- When handling very small quantities of the material eye protection may not be required.
- For laboratory, larger scale or bulk handling or where regular exposure in an occupational setting occurs:
- Chemical goggles
 - Face shield. Full face shield may be required for supplementary but never for primary protection of eyes
 - Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy document, describing

the wearing of lens or restrictions on use, should be created for each workplace or task. This should include a review of lens absorption and adsorption for the class of chemicals in use and an account of injury experience. Medical and first-aid personnel should be trained in their removal and suitable equipment should be readily available. In the event of chemical exposure, begin eye irrigation immediately and remove contact lens as soon as practicable. Lens should be removed at the first signs of eye redness or irritation - lens should be removed in a clean environment only after workers have washed hands thoroughly. [CDC NIOSH Current Intelligence Bulletin 59]

HANDS/FEET

■ NOTE:

- The material may produce skin sensitisation in predisposed individuals. Care must be taken, when removing gloves and other protective equipment, to avoid all possible skin contact.
- Contaminated leather items, such as shoes, belts and watch-bands should be removed and destroyed.

Suitability and durability of glove type is dependent on usage. Important factors in the selection of gloves include: such as:

- frequency and duration of contact,
- chemical resistance of glove material,
- glove thickness and dexterity
- Rubber gloves (nitrile or low-protein, powder-free latex). Employees allergic to latex gloves should use nitrile gloves in preference.
- Double gloving should be considered.
- PVC gloves.
- Protective shoe covers.

Experience indicates that the following polymers are suitable as glove materials for protection against undissolved, dry solids, where abrasive particles are not present.

- polychloroprene
- nitrile rubber
- butyl rubber
- fluorocautchouc

OTHER

- For quantities up to 500 grams a laboratory coat may be suitable.
- For quantities up to 1 kilogram a disposable laboratory coat or coverall of low permeability is recommended. Coveralls should be buttoned at collar and cuffs.
- For quantities over 1 kilogram and manufacturing operations, wear disposable coverall of low permeability and disposable shoe covers.
- For manufacturing operations, air-supplied full body suits may be required for the provision of advanced respiratory protection.

ENGINEERING CONTROLS

- Enclosed local exhaust ventilation is required at points of dust, fume or vapour generation. HEPA terminated local exhaust ventilation should be considered at point of generation of dust, fumes or vapours. Barrier protection or laminar flow cabinets should be considered for laboratory scale handling. When handling quantities up to 500 gram in either a standard laboratory with general dilution ventilation (e.g.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

Odourless white crystals or powder with an unpleasant sweetish saline taste; mixes with water (1;1). Soluble alcohol and glycerol. Becomes pink on long exposure to air.

PHYSICAL PROPERTIES

Solid.			
Mixes with water.			
State	Divided solid	Molecular Weight	160.11
Melting Range (°C)	Not available	Viscosity	Not Applicable
Boiling Range (°C)	>300	Solubility in water (g/L)	Miscible
Flash Point (°C)	Not available	pH (1% solution)	Not available.
Decomposition Temp (°C)	Not available.	pH (as supplied)	Not applicable
Autoignition Temp (°C)	Not available.	Vapour Pressure (kPa)	Not applicable.
Upper Explosive Limit (%)	Not available.	Specific Gravity (water=1)	Not available
Lower Explosive Limit (%)	Not available.	Relative Vapour Density (air=1)	Not Applicable
Volatile Component (%vol)	Not applicable.	Evaporation Rate	Not applicable

Section 10 - CHEMICAL STABILITY

CONDITIONS CONTRIBUTING TO INSTABILITY

- Presence of incompatible materials.
- Product is considered stable.
- Hazardous polymerisation will not occur.

For incompatible materials - refer to Section 7 - Handling and Storage.

Section 11 - TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS

ACUTE HEALTH EFFECTS

- Harmful if swallowed.

CHRONIC HEALTH EFFECTS

- May be harmful to the foetus/ embryo*.

sodium salicylate

54- 21- 7

Xn; R22

■ Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.

A list of reference resources used to assist the committee may be found at:
www.chemwatch.net/references.

■ The (M)SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings.

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