

## Safety Data Sheet SODIUM ACETATE Anhydrous

SDS no. 0F0R36BE • Version 1.0 • Date of issue: 2025-03-29

---

### SECTION 1: Identification

#### GHS Product identifier

Product name SODIUM ACETATE Anhydrous

#### Other means of identification

Product Product Code

Sodium Acetate Anhydrous SA005

#### Recommended use of the chemical and restrictions on use

Dye and colour intermediate, pharmaceuticals, cinnamic acid, soaps, photography, purification of glucose, meat preservation, medicine, electroplating, tanning, dehydrating agent, buffer, as auxiliary in acetylations, food additive and laboratory reagent.

#### Supplier's details

Name ChemSupply Australia Pty Ltd  
Address 38-50 Bedford Street  
5013 Gillman South Australia  
Australia

Telephone 08 8440 2000  
email [www.chemsupply.com.au](http://www.chemsupply.com.au)

#### Emergency phone number

CHEMCALL 1800 127 406 (Australia) / +64-4-917-9888 (International)

---

### SECTION 2: Hazard identification

#### General hazard statement

Not classified as dangerous goods according to the Australian Dangerous Goods Code (ADG).

Classified as non-Hazardous according to the Globally Harmonised System of classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

#### Classification of the substance or mixture

#### GHS classification in accordance with: UN GHS revision 7

Not a hazardous substance or mixture.

# Safety Data Sheet

## SODIUM ACETATE Anhydrous

SDS no. 0F0R36BE • Version 1.0 • Date of issue: 2025-03-29

### GHS label elements, including precautionary statements

Not a hazardous substance or mixture.

### Other hazards which do not result in classification

Not a hazardous substance or mixture.

---

## SECTION 3: Composition/information on ingredients

### Mixtures

Molecular weight: 82.03

### Components

| Component   | CAS no.  | Concentration     |
|---|----------|-------------------|
| Sodium acetate, anhydrous (EC no.: 204-823-8)                   | 127-09-3 | <= 100 % (weight) |
| CLASSIFICATIONS: No data available. HAZARDS: No data available. |          |                   |

---

## SECTION 4: First-aid measures

### Description of necessary first-aid measures

|                         |  |
|-------------------------|--|
| General advice          | First Aid Facilities: Maintain eyewash fountain in work area.  |
| If inhaled              | 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.  |
| In case of skin contact | Rinse with plenty of water. Get medical attention if irritation develops and persists.   |
| In case of eye contact  | If contact with the eye(s) occurs, wash with copious amounts of water for approximately 15 minutes holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. If persistent irritation occurs, obtain medical attention. |
| If swallowed            | 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.   |

### Most important symptoms/effects, acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

### Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically based on judgement of doctor and individual reactions of the patient.

---

## SECTION 5: Fire-fighting measures

### Suitable extinguishing media

Use extinguishing media appropriate for surrounding fire.

### Specific hazards arising from the chemical

Hazards from Combustion Products: May liberate toxic fumes in fire including oxides of carbon and sodium/sodium oxides.

# Safety Data Sheet

## SODIUM ACETATE Anhydrous

SDS no. 0F0R36BE • Version 1.0 • Date of issue: 2025-03-29

May burn but do not ignite readily. Containers may explode when heated. Runoff may pollute waterways. Fire may produce irritating, poisonous and/or corrosive gases.

### Special protective actions for fire-fighters

Wear SCBA and structural firefighter's uniform.

---

## SECTION 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Use personal protective equipment. Avoid dust formation. For personal protection see section 8.

### Methods and materials for containment and cleaning up

Sweep up or vacuum up spillage and collect in suitable container for disposal. Avoid dust formation. Keep in suitable, closed containers for disposal.

---

## SECTION 7: Handling and storage

### Precautions for safe handling

Do not breathe dust. Do not get in eyes, on skin, on clothing. Avoid prolonged or repeated exposure.

### Conditions for safe storage, including any incompatibilities

Storage Temperatures: Store at room temperature (15 - 25 °C).

Keep container tightly closed in a dry and well-ventilated place.

---

## SECTION 8: Exposure controls/personal protection

### Appropriate engineering controls

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, gas, etc.) below recommended exposure limits.

### Individual protection measures, such as personal protective equipment (PPE)

#### Eye/face 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.

#### Skin protection

Clean impervious clothing should be worn. Clothing for protection against chemicals should comply with AS 3765 Clothing for Protection Against Hazardous Chemicals.

#### Body protection

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 clothing or protective clothing should be worn, preferably with an apron. Clothing for protection against chemicals should comply with AS 3765 Clothing for Protection Against Hazardous Chemicals.

#### Respiratory protection

If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable vapor/ mist filter should be used. Refer to relevant regulations for further information concerning respiratory protective requirements. Reference should be

# Safety Data Sheet

## SODIUM ACETATE Anhydrous

SDS no. 0F0R36BE • Version 1.0 • Date of issue: 2025-03-29

made to Australian Standards AS/ NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

---

## SECTION 9: Physical and chemical properties

### Basic physical and chemical properties

|  |   |
|--|---|
| Physical state   | Solid   |
| Appearance   | White powder.   |
| Color  | No data available.  |
| Odor   | Odourless.  |
| Odor threshold   | No data available.  |
| Melting point/freezing point                             | No data available.  |
| Boiling point or initial boiling point and boiling range | No data available.  |
| Flammability   | No data available.  |
| Lower and upper explosion limit/flammability limit       | No data available.  |
| Flash point  | > 250 °C (open cup)   |
| Explosive properties                                     | No data available.  |
| Auto-ignition temperature                                | 607 °C  |
| Decomposition temperature                                | No data available.  |
| Oxidizing properties                                     | No data available.  |
| pH   | 7.5 - 9.0 (30 g/l, H <sub>2</sub> O, 20 °C)   |
| Kinematic viscosity                                      | No data available.  |
| Solubility   | Solubility in Water: Soluble (246 g/L @ 20 °C) Solubility in Organic Solvents: Slightly soluble in alcohol. |
| Partition coefficient n-octanol/water (log value)        | log P (o/w): -4.22  |
| Vapor pressure   | No data available.  |
| Evaporation rate   | No data available.  |
| Density and/or relative density                          | Specific Gravity: 1.52  |
| Relative vapor density                                   | No data available.  |
| Particle characteristics                                 | No data available.  |

### Supplemental information regarding physical hazard classes

No data available.

### Further safety characteristics (supplemental)

No data available.

---

## SECTION 10: Stability and reactivity

### Reactivity

Stable under normal conditions of storage and handling.

### Chemical stability

Stable under recommended storage conditions.

### Possibility of hazardous reactions

Hazardous Polymerization: Will not occur.

### Conditions to avoid

Exposure to moisture.

# Safety Data Sheet

## SODIUM ACETATE Anhydrous

SDS no. 0F0R36BE • Version 1.0 • Date of issue: 2025-03-29

Avoid storing in direct sunlight and avoid extremes of temperature.

### Incompatible materials

Strong oxidising agents.

### Hazardous decomposition products

May liberate toxic fumes in fire including oxides of carbon.

---

## SECTION 11: Toxicological information

### Information on toxicological effects

#### Acute toxicity

Acute Toxicity - Oral: LD50 (mouse): 3530 mg/kg

Acute Toxicity - Inhalation: LC50 (rat): >30 mg/l/1 h

Ingestion: Gastrointestinal complaints after ingestion of large amounts.

Inhalation: May cause respiratory tract irritation. Symptoms include coughing and dyspnoea.

#### Skin corrosion/irritation

Acute Toxicity - Dermal: LD50 (rabbit): >10000 mg/kg

May cause slight irritations.

#### Serious eye damage/irritation

Dust may cause mechanical irritation.

#### Respiratory or skin sensitization

Not classified based on available information.

#### Germ cell mutagenicity

Not classified based on available information.

#### Carcinogenicity

Not classified based on available information.

#### Reproductive toxicity

Not classified based on available information.

#### Specific target organ toxicity (STOT) - single exposure

Not classified based on available information.

#### Specific target organ toxicity (STOT) - repeated exposure

Not classified based on available information.

#### Aspiration hazard

Not classified based on available information.

---

## SECTION 12: Ecological information

### Toxicity

## Safety Data Sheet

### SODIUM ACETATE Anhydrous

SDS no. 0F0R36BE • Version 1.0 • Date of issue: 2025-03-29

Passage from aqueous solution into the atmosphere is not to be expected.

Acute Toxicity - Fish: LC50 (L. macrochirus): 5000 mg/l/24 h.  
LC50 (L. idus): >1000 mg/l/48 h.

Acute Toxicity - Daphnia: EC50 (Daphnia magna): >1000 mg/l/48 h.

Acute Toxicity - Bacteria: EC50 (Ps. putida): 7200 mg/l/48 h.

#### Persistence and degradability

Biological degradability: 99%/28 d.  
Biological degradability: good.

#### Bioaccumulative potential

log P(o/w): -4.22

---

## SECTION 13: Disposal considerations

#### Disposal methods

##### Product disposal

Waste material must be disposed of in accordance with the national and local regulations. Leave chemicals in original containers.

##### Sewage disposal

log P(o/w): -4.22

##### Other disposal recommendations

Do not discharge this material into waterways, drains and sewers.

---

## SECTION 14: Transport information

#### ADG (Road and Rail)

Not dangerous goods

#### IMDG

Not dangerous goods

#### IATA

Not dangerous goods

---

## SECTION 15: Regulatory information

#### Safety, health and environmental regulations specific for the product in question

##### Australia SUSMP

Poison Schedule: NS

---

## SECTION 16: Other information

#### Further information/disclaimer

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.

## Safety Data Sheet

### SODIUM ACETATE Anhydrous

SDS no. 0F0R36BE • Version 1.0 • Date of issue: 2025-03-29

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.

#### Preparation information

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.

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', July 2020.

Safe Work Australia, 'National Guide for Classifying Hazardous Chemicals', July 2020.

Safe Work Australia, Workplace Exposure Standards for Airborne Contaminants, December 2019

Safe Work Australia, Hazardous Chemical Information System (HCIS), [hcis.safeworkaustralia.gov.au](https://hcis.safeworkaustralia.gov.au)

IATA, Dangerous Goods Regulations (DGR)

IMO, International Maritime Dangerous Goods Code (IMDG)