

Revision Date: oct.-15-2025
Print Date: Jul.-19-2024

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifier

Product name : Sodium Acetate
EINECS No. : 204-823-8
CAS No. : 127-09-3

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Food additive , Pharmaceuticals , Catalyst , Detergent additive , Preservative

1.3 Details of the supplier of the safety data sheet

Company: SUNRISE FOOD INGREDIENTS(HUAINAN) CO.,LTD
address : Shangyao Industrial Park,Datong District, Huainan,Anhui,232009 China
Tel: 86+18601532725
E-mail: mlx230317@163.com

1.4 Emergency telephone number

Emergency Phone #: 86+15006417880

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

USA This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29CFR1910.1200)

EU: Not a hazardous substance or mixture according to Regulation(EC)No.1272/2008.

Specific target organ toxicity, single exposure; Respiratory tract irritation (Category 3),H335

2.2 GHS Label elements, including precautionary statements

Pictogram



Signal word Warning

Hazard statement(s)

H302 Harmful if swallowed

H315 Causes skin irritation

H319 Causes serious eye irritation

H335 May cause respiratory irritation

Precautionary statement(s)

Prevention

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 Wash hands thoroughly after handling
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response

P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P330 Rinse mouth.
P362+P364 Take off contaminated clothing and wash it before reuse.

Storage

P405 Store locked up.

Disposal

P501 Dispose of contents/container to in accordance with local regulation.

2.3 Other hazards

None.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Synonyms:	Sodium Acetate
Formula:	$C_2H_3NaO_2$ CH_3COONA
CAS No. :	127-09-3

4. FIRST AID MEASURES

4.1 Description of first aid measures

Eye contact

Remove any contact lenses, locate eye-wash station, and flush eyes immediately with large amounts of water. Separate eyelids with fingers to ensure adequate flushing. Promptly call a physician.

Skin contact

Rinse skin thoroughly with large amounts of water. Remove contaminated clothing and shoes and call a physician.

Inhalation

Immediately relocate self or casualty to fresh air. If breathing is difficult, give cardiopulmonary resuscitation (CPR). Avoid mouth-to-mouth resuscitation.

Ingestion

Wash out mouth with water; Do NOT induce vomiting; call a physician.

4.2 Most important symptoms and effects, both acute and delayed

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

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, dry chemical, foam, and carbon dioxide (CO₂) fire extinguisher.

5.2 Special hazards arising from the substance or mixture

During combustion, may emit irritant fumes.

5.3 Advice for firefighters

Wear self-contained breathing apparatus and protective clothing.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Use full personal protective equipment. Avoid breathing vapors, mist, dust or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

Refer to protective measures listed in sections 8.

6.2 Environmental precautions

Try to prevent further leakage or spillage. Keep the product away from drains or water courses.

6.3 Methods and materials for containment and cleaning up

Absorb solutions with finely-powdered liquid-binding material (diatomite, universal binders);

Decontaminate surfaces and

equipment by scrubbing with alcohol; Dispose of contaminated material according to Section 13.

6.4 Reference to other sections

For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Keep container closed when not in use.

Avoid contact with skin, eyes and clothing. Ensure adequate ventilation.

7.2 Conditions for safe storage, including any incompatibilities

Keep tightly closed in a dry and cool place. Store in original container.

Recommended storage temperature: Store at room temperature, keep dry and cool

Shipping at room temperature if less than 2 weeks.

7.3 Specific end use(s)

Food additive, Additive, Preservative, Pharmaceutical, De-icing.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters

This product contains no substances with occupational exposure limit values.

8.2 Exposure controls

Engineering controls

Handle in accordance with good industrial hygiene and safety practice. In case of insufficient ventilation, wear suitable respiratory equipment. Ensure that eyewash stations and safety showers are close to the workstation location. Personal protective equipment

Eye protection

Chemical resistant goggles must be worn.

Hand protection

Rubber gloves

Skin and body protection

Work clothing.

Respiratory protection

Respirator must be worn if exposed to dust.

Environmental exposure controls

Keep the product away from drains, water courses or the soil. Clean spillages in a safe way as soon as possible.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	white solid, powder, granules
Odor	vinegar-like
Odor threshold	No data available
pH	8-9 (1% w/w)
Melting/freezing point	324°C / 615.2°F
Boiling point/range	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	No flammable
Upper/lower flammability or explosive limits	No data available
Vapor pressure	No data available
Vapor density	No data available
Relative density	1520 kg/m ³ / 94.9 lb/ft ³
Solubility(ies)	505 kg/m ³ (25°C) / 31.5 lb/ft ³ (77°F)
Partition coefficient	n-octanol/water: log Pow -3,72 / -3.72 (calculated)
Auto-ignition temperature	607°C / 1124.6°F
Decomposition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidizing properties	No data available

9.2 Other safety information

No data available.

10. STABILITY AND REACTIVITY

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

Stable under recommended storage conditions

10.5 Incompatible materials

Strong acids/alkalis, strong oxidising/reducing agents.

10.6 Hazardous decomposition products

No data available.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

LD50/Oral/rat: 3.530 mg/kg

Skin corrosion/irritation

Not classified as irritating for skin.

Serious eye damage/irritation

Not classified as irritating for eyes

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

Classified based on available data. For more details, see section 2

Carcinogenicity

IARC: No component of this product present at a level equal to or greater than 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at a level equal to or greater than 0.1% is identified as a potential or confirmed carcinogen by ACGIH.

NTP: No component of this product present at a level equal to or greater than 0.1% is identified as a anticipated or confirmed carcinogen by NTP.

OSHA: No component of this product present at a level equal to or greater than 0.1% is identified as a potential or confirmed carcinogen by OSHA.

Reproductive toxicity

No data available

Specific target organ toxicity - single exposure

Classified based on available data. For more details, see section 2

Specific target organ toxicity - repeated exposure

Classified based on available data. For more details, see section 2

Aspiration hazard

Classified based on available data. For more details, see section 2

Additional information

This information is based on our current knowledge. However the chemical, physical, and toxicological properties have not been

completely investigated.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

No data available.

12.2 Persistence and degradability

Biological degradability: Readily biodegradable

12.3 Bioaccumulative potential

Bioaccumulation is unlikely.

Partition coefficient: n-octanol/water: log Pow: -3,72 (calculated (EPI Suite V4.0))

12.4 Mobility in soil

Water solubility: 505 kg/m³ (25°C) / 31.5 lb/ft³ (77°F)

Water soluble. Stays in water phase. non-volatile/vPvB assessment

12.5 Results of PBT and vPvB assessment

This substance is not considered to be persistent, bioaccumulating nor toxic (PBT).

12.6 Other adverse effects

No data available.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product

Dispose substance in accordance with prevailing country, federal, state and local regulations.

Contaminated packaging

Conduct recycling or disposal in accordance with prevailing country, federal, state and local regulations.

14. TRANSPORT INFORMATION

DOT (US)

Proper shipping name: Not dangerous goods

UN number: -

Class: -

Packing group: -

IMDG

Proper shipping name: Not dangerous goods

UN number: -

Class: -

Packing group: -

IATA

Proper shipping name: Not dangerous goods

UN number: -

Class: -

Packing group: -

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Safety, health and environmental regulations/legislation specific for the substance or mixture

Water contaminating class WGK 1 slightly water endangering

(Germany)

15.2. Chemical safety assessment

This product does not contain any chemicals known to European Union to cause cancer, birth defects, or any other reproductive harm.

16. OTHER INFORMATION

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.