

Educational Innovations^{INC}®

SODIUM ACETATE SDS

Sodium Acetate

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME Sodium Acetate
SYNONYMS, TRADE NAMES Sodium Acetate 3-Hydrate

2 HAZARDS IDENTIFICATION

CLASSIFICATION -

3 COMPOSITION/INFORMATION ON INGREDIENTS

EC No. 204-823-8
CAS-No. 6131-90-4

4 FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

INGESTION

Rinse mouth thoroughly. Drink plenty of water. Get medical attention.

SKIN CONTACT

Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Contact physician if irritation persists.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials. Water spray, foam, dry powder or carbon dioxide.

SPECIFIC HAZARDS

By heating and fire, harmful vapors/gases may be formed.

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet.

ENVIRONMENTAL PRECAUTIONS

Do not discharge onto the ground or into water courses.

SPILL CLEAN UP METHODS

Avoid generation and spreading of dust. Shovel into dry containers. Cover and move the containers. Flush the area with water.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Avoid handling which leads to dust formation.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container. Store away from Acids. Alkalies. Oxidizing material.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT

ENGINEERING MEASURES

Provide adequate ventilation. Observe Workplace Exposure Limits and minimize the risk of inhalation of dust.

RESPIRATORY EQUIPMENT

No specific recommendation made, but protection against nuisance dust must be used when the general level exceeds 10 mg/m³.

HAND PROTECTION

Use suitable protective gloves if risk of skin contact. Use protective gloves made of: Rubber (natural, latex).

EYE PROTECTION

Wear tight-fitting goggles or face shield.

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated.

When using do not eat, drink or smoke.



5 Francis J. Clarke Circle
Bethel, CT 06801 USA
www.TeacherSource.com

Phone (203) 748-3224
Fax (203) 229-0740
info@TeacherSource.com

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE Crystalline powder
COLOUR White / off-white to Colorless
ODOUR Slight odor
MELTING POINT (iC) 58 RELATIVE DENSITY 1.45 g/cm³ @ 20iC
BULK DENSITY 500 kg/m³ pH-VALUE, CONC. SOLUTION 7-9
DECOMPOSITION
TEMPERATURE (iC)
>390 SOLUBILITY VALUE (g/100g
H₂O@20iC)
1.1g/l

10 STABILITY AND REACTIVITY

STABILITY
Stable under normal temperature conditions.
CONDITIONS TO AVOID
Avoid excessive heat for prolonged periods of time.
MATERIALS TO AVOID
Strong oxidizing substances.
HAZARDOUS DECOMPOSITION PRODUCTS
Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.

11 TOXICOLOGICAL INFORMATION

TOXIC DOSE 1 - LD 50 3, 530 mg/kg (oral rat)
INHALATION
Dust in high concentrations may irritate the respiratory system.
INGESTION
May cause discomfort if swallowed.
SKIN CONTACT
Powder may irritate skin.
EYE CONTACT
Particles in the eyes may cause irritation and smarting.

12 ECOLOGICAL INFORMATION

ECOTOXICITY
Not regarded as dangerous for the environment.
LC 50, 96 Hrs, FISH mg/l >1000
DEGRADABILITY
The product is easily biodegradable.

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION
Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.
DISPOSAL METHODS
Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION

ROAD TRANSPORT NOTES Not Classified
RAIL TRANSPORT NOTES Not Classified.
SEA TRANSPORT NOTES Not Classified.
AIR TRANSPORT NOTES Not Classified.

15 REGULATORY INFORMATION

RISK PHRASES
NC Not classified.
STATUTORY INSTRUMENTS
Chemicals (Hazard Information and Packaging) Regulations.
APPROVED CODE OF PRACTICE
Classification and Labeling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.
GUIDANCE NOTES
Workplace Exposure Limits EH40. CHIP for everyone HSG(108).