



Material Safety Data Sheet

Sodium Acetate Trihydrate MSDS

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	Sodium Acetate Trihydrate
CAS#	6131-90-4
SYNONYM	Acetic Acid, Sodium Salt, Trihydrate
CHEMICAL FORMULA	CH ₃ COONa.3H ₂ O
MANUFACTURER	M/S. Mamta Chemicals. Plot Num.: 6704. G.I.D.C. Ankleshwar-393 002 Dist.: Bharuch, Gujarat, India Phone: 91-2646-252832
EMERGENCY TELEPHONE	Tel. 91-2646-252832

2. COMPOSITION / INFORMATION ON INGREDIENTS

NAME	Sodium acetate trihydrate
CAS#	6131-90-4
HARMONIZE NO.	-

3. HAZARDS IDENTIFICATION

POTENTIAL ACUTE HEALTH EFFECTS	Hazardous in case of ingestion, of inhalation. Slightly hazardous in case of skin contact (irritant), of eye contact (irritant).
POTENTIAL CHRONIC HEALTH EFFECT	<ul style="list-style-type: none">• <i>Carcinogenic Effects:</i> Not available.• <i>Mutagenic Effects:</i> Not available.• <i>Developmental Toxicity:</i> Not available.

4. FIRST-AID MEASURES

EYE CONTACT	In case of contact, rinse immediately with plenty of cold water for at least 15 minutes at least. Contact a physician if symptoms persist.
SKIN CONTACT	Wash thoroughly with soap and water; flush with plenty of water. Take off spoiled clothes. Contact physician if symptoms persist.
INGESTION	Wash the mouth with water; seek medical advice immediately.

INHALATION	Remove from exposure site to fresh air and keep at rest. Obtain medical advice. Give oxygen if not breathing.
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5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA RECOMMENDED	In case of small fire use dry chemical powder. In case of large fire use water spray, fog or foam. Do not use water jet.
Fire	Auto-ignition temperature: 607.22°C (1125°F) As with most organic solids, fire is possible at elevated temperatures or by contact with an ignition source. Listed fire data is for the Anhydrous Material.
Special Information	In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full-face piece operated in the pressure demand or other positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS & METHODS FOR CLEANING	Remove all sources of ignition. Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Spills: Clean up spills in a manner that does not disperse dust into the air. Use non-sparking tools and equipment. Reduce airborne dust and prevent scattering by moistening with water. Pick up spill for recovery or disposal (using shovel) and place in a closed container. Small amounts of residue may be flushed to sewer with plenty of water.
ENVIRONMENT PRECAUTIONS	Not Applicable.

7. HANDLING AND STORAGE

PRECAUTIONS IN HANDLING	Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene.
STORAGE CONDITIONS	Store in cool, dry and ventilated area away from heat sources and protected from light in tightly closed original container. Keep air contact to a minimum.
FIRE PROTECTION	Keep away from ignition sources and naked flame.

8. EXPOSURE CONTROL

RESPIRATORY PROTECTION	Avoid to breath directly on the product. Apply local ventilations when appropriate. Use dust respirator when handling. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
VENTILATION	Ensure good ventilation of the workstation.
HAND PROTECTION	Avoid skin contact. Use chemical resistant gloves as needed.
EYE PROTECTION	Use safety glasses or splash goggles.

WORK / HYGIENIC PRACTICES	Wash hands with soap and water after handling.
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9. PHYSICAL AND CHEMICAL PROPERTIES

ODOR	Odorless.
COLOR	Colorless.
APPEARANCE	Solid crystals or granular solid.
SPECIFIC GRAVITY	1.45 (Water=1).
BOILING POINT (°C)	Not Available.
MELTING POINT (°C)	58°C (136.4°F).
SOLUBILITY	Easily Soluble in cold water, hot water.

10. STABILITY AND REACTIVITY

STABILITY	Stable under ordinary conditions of use and storage.
DESCOMPOSITION	Emits fumes of acetic acid upon heating and on contact with strong acids Hazardous Polymerization: Will not occur.
INCOMPATIBILITY WITH VARIOUS SUBSTANCES	Reactive with oxidizing agents, acids.
SPECIAL REMARKS ON REACTIVITY	Hygroscopic; keep container tightly closed. Become anhydrous at 120°C. Violent reaction with fluorine diketene, potassium nitrate and nitric acid.

11. TOXICOLOGICAL INFORMATION

ROUTES OF ENTRY	Inhalation, Ingestion.
LD 50 ORAL/RAT (mg/Kg)	Not Available
LD 50 DERMAL/RABBIT (mg/Kg)	Not Available
LC 50 DUST/RAT Mg/m 1 hours	Not Available
CHRONIC EFFECTS ON HUMANS	Not Available.
SPECIAL REMARKS ON OTHER TOXIC EFFECTS ON HUMANS	Acute Potential Health Effects: <ul style="list-style-type: none"> • <i>Skin:</i> May cause irritation. • <i>Eyes:</i> May cause irritation.

- *Ingestion:* May cause digestive tract irritation with abdominal pain, nausea and vomiting.
- *Inhalation:* May cause respiratory tract irritation with sore throat, labored breath and chest pain.

12. ECOLOGICAL INFORMATION

BIODEGRADABILITY	Not determined.
PRECAUTIONS	Prevent contamination of soil, ground and surface water.
ECOTOXICITY	Not Available.
BOD5 AND COD	Not Available.

13. DISPOSAL CONSIDERATIONS

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

14. TRANSPORT REGULATIONS

	CLASS	PACK GROUP	UN-No.
ROAD (ADR/RID)	NR	-	-
AIR (IATA)	NR	-	-
SEA	NR	-	

15. REGULATORY INFORMATION

HAZARDS SYMBOLS	--- NA	---
RISK PHRASES	--- NA	
PROTECTIVE EQUIPMENTS	Gloves. Lab coat. Dust respirator. Safety glasses.	

16. OTHER INFORMATION ---

Disclaimer:

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