

SECTION 1: IDENTIFICATION**Product Identifier****Product Form:** Liquid**Product Name:** 10 mM Sodium Acetate (pHs 4.00 – 5.50)**Synonyms:** 10 mM NaOAc**Intended Use of the Product****Use of the Substance/Mixture:** For use in Carterra instruments and sample preparation**Name, Address, and Telephone of the Responsible Party**

Carterra Inc.

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Salt Lake City, UT 84103

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Emergency Number: +1-703-527-3887 (CHEMTREC)**SECTION 2: HAZARDS IDENTIFICATION****Classification of the Substance or Mixture GHS-US****Classification**

This Substance is not considered hazardous by the 2019 OSHA Hazard Communication Standard (29 CFR 1910.122)

Other Hazards

May be harmful if swallowed May

be harmful if inhaled

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**Mixture**

Name	CAS No.	%	Classification
Sodium Acetate, Anhydrous	127-09-3	0.02-0.10	None Specified
Water	7732-18-5	97.90-99.98	None Specified
pH Adjusters	Various	0-2%	None Specified

SECTION 4: FIRST AID MEASURES**Description of First-aid Measures****First-aid Measures General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice**First-aid Measures After Inhalation:** Move to fresh air. If not breathing, give artificial respiration.**First-aid Measures After Skin Contact:** Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes**First-aid Measures After Eye Contact:** Rinse thoroughly with plenty of water for at least 15 minutes. Consult a physician**First-aid Measures After Ingestion:** Rinse mouth**Most Important Symptoms and Effects Both Acute and Delayed****Symptoms/Injuries:** No information available**Symptoms/Injuries After Inhalation:** No information available**Symptoms/Injuries After Skin Contact:** No information available**Symptoms/Injuries After Eye Contact:** No information available**Symptoms/Injuries After Ingestion:** No information available**Chronic Symptoms:** No information available**SECTION 5: FIRE-FIGHTING MEASURES****Suitable Extinguishing Media:** Foam. Dry Powder. Carbon Dioxide. Water Spray. Sand**Unsuitable Extinguishing Media:** No information available**Special Hazards Arising from the Substance or Mixture** None**Advice for Firefighters****Precautionary Measures:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or

equivalent) and full protective gear.

Firefighting Instructions: No information available

Protection During Firefighting: No information available

Hazardous Combustion Products: No information available

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

General Measures: Ensure adequate ventilation, especially in confined areas

For Non-Emergency Personnel Protective

Equipment: Safety Glasses. Gloves.

Emergency Procedures: No information available

For Emergency Personnel Protective

Equipment: No information available

Emergency Procedures: No information available

SECTION 7: HANDLING AND STORAGE

Methods and Materials for Containment and Cleanup

Soak up spills with inert solids such as clay or diatomaceous earth as soon as possible. Store away from other materials

Precautions for Safe Handling

Handle in accordance with good industrial hygiene and safety practice. Hygroscopic

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions: Hygroscopic. Keep container tightly closed in a dry and well-ventilated place

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Incompatible Products: No information available

Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), or OSHA (PEL).

Component	CAS-No.	Value	Control Parameters
Sodium Acetate	127-09-3	No information available	No information available
Water	7732-18-5	Not Established	Not Established

Exposure Controls and Risk Management Measures

- Appropriate Engineering Controls** : Showers
Eyewash stations
Ventilation systems
- Materials for Protective Clothing** : No information available
- Hand Protection** : Wear protective gloves
- Eye Protection** : Avoid contact with eyes. Safety glasses with side-shields
- Skin and Body Protection** : Wear protective clothing
- Respiratory Protection** : If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.
- Environmental Exposure Controls** : No information available
- Other Information** : Do not eat, drink, or smoke during use

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

- Physical State** : Liquid
- Appearance** : Clear
- Odor** : No information available
- Odor Threshold** : No information available
- pH** : 4.00 – 5.50
- Evaporation Rate** : No information available
- Melting Point** : No information available
- Freezing Point** : No information available
- Boiling Point** : No information available
- Flash Point** : No information available

Safety Data Sheet

Auto Ignition Temperature	:	No information available
Decomposition Temperature	:	No information available
Flammability (solid, gas)	:	No information available
Vapor Pressure	:	No information available
Relative Vapor Density at 20° C	:	No information available
Relative Density	:	No information available
Specific Gravity	:	No information available
Solubility	:	Miscible with water
Partition Coefficient: N-Octanol/Water	:	No information available
Viscosity	:	No information available

SECTION 10: STABILITY AND REACTIVITY

Reactivity: No information available

Chemical Stability: Stable under recommended storage conditions.

Possibility of Hazardous Reactions: None under normal processing

Conditions to Avoid: Extremes of temperature and direct sunlight

Incompatible Materials: No information available

Hazardous Decomposition Products: No information available

SECTION 11: TOXICOLOGICAL INFORMATION**Information on Toxicological Effects****Acute Toxicity:**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium Acetate	= 3530 m/kg (Rat)	> 10 g/kg (Rabbit)	> 30 g/m ³ (Rat) 1h

Skin Corrosion/Irritation: No information available

pH: No information available

Serious Eye Damage/Irritation: No information available

pH: No information available

Respiratory or Skin Sensitization: No information available

Germ Cell Mutagenicity: No information available

Carcinogenicity: No information available

IARC: No information available

NTP: No information available

OSHA: No information available

Reproductive Toxicity: No information available

Specific Target Organ Toxicity (Single Exposure): No information available

Specific Target Organ Toxicity (Repeated Exposure): No information available

Aspiration Hazard: No information available

Symptoms/Injuries After Inhalation: No information available

Symptoms/Injuries After Skin Contact: No information available

Symptoms/Injuries After Eye Contact: No information available

Symptoms/Injuries After Ingestion: No information available

Chronic Symptoms: No information available

SECTION 12: ECOLOGICAL INFORMATION**Toxicity****Aquatic toxicity:**

Toxicity to fish semi-static test LC50 - Danio rerio (zebra fish) - > 100 mg/l - 96 h (OECD Test Guideline 203)

Toxicity to daphnia and other aquatic invertebrates static test EC50 - Daphnia magna (Water flea) - > 1,000 mg/l - 48 h (OECD Test Guideline 202)

Toxicity to algae ErC50 - Skeletonema costatum - > 1,000 mg/l - 72 h (ISO 10253)

Toxicity to bacteria static test EC50 - Pseudomonas putida - 7,200 mg/l - 16 h

Persistence and degradability

Biodegradability aerobic Dissolved organic carbon (DOC) - Exposure time 28 d Result: 99 % - Readily biodegradable.

(Regulation (EC) No. 440/2008, Annex, C.4-A)

Behavior in environmental systems

Bioaccumulative potential: No further relevant information available.

Mobility in soil: No further relevant information available.

Additional ecological information

General notes: Water hazard class 1 (Self-assessment): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. Must not reach bodies of water or drainage ditch undiluted or unneutralized.

Results of PBT and vPvB assessment · PBT: Not applicable. · vPvB: Not applicable.

Other adverse effects: No further relevant information available

SECTION 13: DISPOSAL CONSIDERATIONS**Waste treatment methods:**

Recommendation: Must not be disposed together with household garbage. Do not allow product to reach sewage system. Offer surplus and non-recyclable solutions to a licensed disposal company

SECTION 14: TRANSPORT INFORMATION

UN-Number · DOT, IMDG, IATA UN1814

UN proper shipping name Sodium Acetate, Anhydrous

DOT: Not dangerous goods Packing

group: DOT, IMDG, IATA II

Environmental hazards: · Marine pollutant: No

Special precautions for user

Warning: None

SECTION 15: REGULATORY INFORMATION

Safety, health, and environmental regulations/legislation specific for the substance or mixture Section 355
(extremely hazardous substances): N/A

Section 313 (Specific toxic chemical listings): N/A.

TSCA (Toxic Substances Control Act): N/A

Proposition 65 · Chemicals known to cause cancer: N/A

Chemicals known to cause reproductive toxicity for females: N/A

Chemicals known to cause reproductive toxicity for males: N/A

Chemicals known to cause developmental toxicity: N/A

EPA (Environmental Protection Agency) N/A

TLV (Threshold Limit Value established by ACGIH): N/A

NIOSH-Ca (National Institute for Occupational Safety and Health) N/A

Chemical safety assessment: A Chemical Safety Assessment has not been carried out

SECTION 16: OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Department issuing SDS: Quality Assurance.

Creation date for SDS 06/19/2019.

Review SDS for accuracy. 08/31/2022.