



# SAFETY DATA SHEET

Product #: See Section 1

Name of Product:

Revision Date: June 2, 2015

**POTASSIUM ACETATE 60%**

---

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

---

PRODUCT NAME: Potassium Acetate 60%  
SYNONYMS: Acetic Acid Potassium Salt  
PRODUCT CODES: I000039, I000104, I000110

MANUFACTURER: Nachurs Alpine Solutions  
DIVISION: Marion  
ADDRESS: 421 Leader Street  
Marion, OH 43302

PHONE: 800-622-4877 (USA)  
800-265-2268 (CANADA)

EMERGENCY PHONE: Unites States: Chemtrec: 800-424-9300 (CCN# 15189)  
Canada: CANUTEC: 1-613-996- 6666  
I TECH 877-324-4402

CHEMICAL NAME: Potassium Acetate, Liquid  
CHEMICAL FAMILY: Inorganic salt  
CHEMICAL FORMULA: CH<sub>3</sub>COOK

PRODUCT USE: Catalyst, Deicer, Fire Extinguishing Agent

---

## SECTION 2: HAZARDS IDENTIFICATION

---

GHS ELEMENTS:

Hazard Classification: Eye Irritation (Category 2B).

Pictogram: None.

Signal Word: Warning

Hazard Statements: Causes eye irritation.

Precautionary Statements: Wash skin thoroughly after handling. Wear protective gloves, clothing, eye and face protection.  
If swallowed, rinse mouth. Do NOT induce vomiting.  
If on hair or skin, remove all contaminated clothing and rinse skin with water.  
If inhaled, remove victim to fresh air and keep at rest in a position comfortable for breathing.  
If in eyes, rinse carefully with water for several minutes. Remove contactlenses, if able and continue rinsing.  
Immediately call a poison center or doctor/physician. See First Aid instruction for specific treatment.  
Wash contaminated clothing before reuse. Absorb spillage to prevent material damage.

ROUTES OF ENTRY: Ingestion, Injection, Inhalation, Absorption

POTENTIAL HEALTH EFFECTS:

EYES: May cause eye irritation.  
SKIN: May cause mild irritation.  
INGESTION: May cause mild digestive tract irritation and diarrhea.  
INHALATION: May cause mild irritation.

ACUTE HEALTH HAZARDS: May cause irritation to the eyes and skin.

CHRONIC HEALTH HAZARDS: None Reported

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None Reported

CARCINOGENICITY:

# SAFETY DATA SHEET

Product #: See Section 1

Name of Product: **POTASSIUM ACETATE 60%**

Revision Date: June 2, 2015

OSHA: None Reported  
ACGIH: None Reported  
NTP: None Reported  
IARC: None Reported  
OTHER: N/A

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT: Potassium Acetate

CAS NO.: 127-08-2  
% WT: 60%

SARA 313 REPORTABLE: N/A

OSHA PEL-TWA: N/A  
OSHA PEL STEL: N/A  
OSHA PEL CEILING: N/A

ACGIH TLV-TWA: N/A  
ACGIH TLV STEL: N/A  
ACGIH TLV CEILING: N/A

SECTION 3 NOTES: Balance ingredient is non-hazardous Water CAS NO.: 7732-18-5

## SECTION 4: FIRST AID MEASURES

EYES: Wash eyes thoroughly with water for at least 15 minutes. Seek medical attention.  
SKIN: Thoroughly wash with soap and water. Seek medical attention if irritation develops or persists.  
INGESTION: If victim is conscious and alert, give milk or water. Do not induce vomiting. If spontaneous vomiting should occur, keep head below hips to prevent aspiration of liquid into lungs. Seek medical attention.  
INHALATION: Remove from exposure to area of fresh air. If not breathing, give artificial respiration. Get medical attention immediately.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Treat symptomatically.

## SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR: UPPER: N/A  
(% BY VOLUME) LOWER: N/A

FLASH POINT: N/A

METHOD USED: N/A

AUTOIGNITION TEMPERATURE: N/A

NFPA HAZARD CLASSIFICATION:

HEALTH: 1  
FLAMMABILITY: 0  
REACTIVITY: 0  
OTHER: None

HMIS HAZARD CLASSIFICATION

HEALTH: 1  
FLAMMABILITY: 0  
REACTIVITY: 0  
PROTECTION: D

# SAFETY DATA SHEET

Product #: See Section 1

Name of Product: **POTASSIUM ACETATE 60%**

Revision Date: June 2, 2015

---

EXTINGUISHING MEDIA:	Use suitable media for surrounding fire
SPECIAL FIRE FIGHTING PROCEDURES:	N/A
UNUSUAL FIRE AND EXPLOSION HAZARDS:	Carbon monoxide and/or carbon dioxide may be released.
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon monoxide and/or carbon dioxide. Large quantities of carbon monoxide/dioxide in enclosed areas can result in lack of oxygen and possible suffocation.

---

## SECTION 6: ACCIDENTAL RELEASE MEASURES

---

ACCIDENTAL RELEASE MEASURES: Wear appropriate personal protective equipment as stated in Section 8. Confine the spill to a diked area or sump, if possible, and recover as much of the liquid potassium acetate as possible. Place in suitable containers for reuse or disposal. Clean up area with excess water to remove residue.

---

## SECTION 7: HANDLING AND STORAGE

---

HANDLING AND STORAGE: Keep in a dry, cool, well-ventilated place. Ground all equipment containing the material. Keep container tightly closed. Store in suitable containers made of plastic, mild steel, fiberglass, or stainless steel. Always use good safety and industrial hygienic practices. Wear suitable personal protective equipment.

OTHER PRECAUTIONS: Keep away from sources of ignition. Wash hands thoroughly after handling.

---

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

---

ENGINEERING CONTROLS: Use process enclosures, local exhaust ventilation or other engineering controls to keep airborne levels below exposure limits. If operation generates fumes or mist, use ventilation.

VENTILATION: Provide adequate ventilation for local areas.

RESPIRATORY PROTECTION: Respiratory protection not normally required unless excessive heat or reaction occurs resulting in release of carbon dioxide or carbon monoxide. In enclosed spaces, these gases can displace oxygen causing possible suffocation, thus use self contained breathing apparatus. Do not use air purifying respirators.

EYE PROTECTION: Safety goggles and face shield.

SKIN PROTECTION: Gloves that are rubber or plastic

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: For spills, wear splash goggles, full suit, boots, and gloves. A self-contained breathing apparatus should be used to avoid inhalation of product.

WORK HYGIENIC PRACTICES: Wash hands thoroughly after handling.

EXPOSURE GUIDELINES: No occupational exposure limits have been established at this time.

---

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

---

APPEARANCE: Clear, nearly colorless liquid.

ODOR: N/A

ODOR THRESHOLD: No data available.

PHYSICAL STATE: Liquid

pH AS SUPPLIED: 8.5-11.5

MELTING POINT: N/A

FREEZING POINT: -4°F  
-20°C

# SAFETY DATA SHEET

Name of Product: **POTASSIUM ACETATE 60%**

Product #: See Section 1

Revision Date: June 2, 2015

BOILING POINT: F°: >200°F  
C°: >93.3°C

FLASH POINT: F°: N/A  
C°: N/A

METHOD USED: N/A

EVAPORATION RATE: Unknown

FLAMMABLE LIMITS IN AIR: UPPER: N/A  
(% BY VOLUME) LOWER: N/A

VAPOR PRESSURE (mmHg): Unknown

VAPOR DENSITY (AIR = 1) Unknown

SPECIFIC GRAVITY (H<sub>2</sub>O = 1) 1.337

DENSITY, LBS/GAL: 11.15

SOLUBILITY IN WATER: Complete

PARTITION COEFFICIENT: n-octanol/water – N/A

PERCENT SOLIDS BY WEIGHT: 60%

PERCENT VOLATILE: Variable depending on concentration.

VOLATILE ORGANIC COMPOUNDS (VOC): 0%

AUTOIGNITION TEMPERATURE: N/A

VISCOSITY (cP): Unknown

MOLECULAR WEIGHT: 98.14

---

## SECTION 10: STABILITY AND REACTIVITY

---

	STABLE	UNSTABLE
STABILITY:	x	
CONDITIONS TO AVOID (STABILITY):		Excessive heat or exposure to atmospheric moisture or water.
INCOMPATIBILITY (MATERIAL TO AVOID):		Strong oxidizing agents.
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:		Carbon monoxide and/or carbon dioxide.
HAZARDOUS POLYMERIZATION:		Will not occur.
CONDITIONS TO AVOID (POLYMERIZATION):	N/A	
SECTION 10 NOTES:		

---

## SECTION 11: TOXICOLOGICAL INFORMATION

---

# SAFETY DATA SHEET

Product #: See Section 1

Name of Product: **POTASSIUM ACETATE 60%**

Revision Date: June 2, 2015

TOXICOLOGICAL INFORMATION: May cause mild digestive tract irritation and diarrhea upon ingestion. Causes eye irritant and may cause mild irritation upon skin contact or inhalation.

ACUTE TOXICITY: LD<sub>50</sub> (Oral, Rat): 3250 mg/kg (100% basis)

CHRONIC TOXICITY: No data available.

---

## SECTION 12: ECOLOGICAL INFORMATION

---

ECOLOGICAL INFORMATION: Avoid contact with drinking water.

BIODEGRADABILITY: May degrade over long periods of time. The products of degradation are more toxic.

---

## SECTION 13: DISPOSAL CONSIDERATIONS

---

WASTE DISPOSAL METHOD: Reclaim and reuse as much as possible. Large spills should be diked to contain the material and prevent contact with waterways and sewer systems. Do not dump into any sewers, on the ground, or into any body of water. Material should be absorbed with absorbent materials (such as kitty litter/sand) and disposed of in accordance with Provincial and Federal regulations.

RCRA HAZARD CLASS: No

---

## SECTION 14: TRANSPORT INFORMATION

---

### U.S. DEPARTMENT OF TRANSPORTATION:

PROPER SHIPPING NAME: Potassium Acetate

HAZARD CLASS: N/A

ID NUMBER: N/A

PACKING GROUP: N/A

LABEL STATEMENT:

Health: 1                                      Flammability: 0                      Reactivity: 0                      Specific: None

### WATER TRANSPORTATION:

PROPER SHIPPING NAME: Potassium Acetate

HAZARD CLASS: N/A

ID NUMBER: N/A

PACKING GROUP: N/A

LABEL STATEMENTS:

Health: 1                                      Flammability: 0                      Reactivity: 0                      Specific: None

### AIR TRANSPORTATION

PROPER SHIPPING NAME: Potassium Acetate

HAZARD CLASS: N/A

ID NUMBER: N/A

PACKING GROUP: N/A

LABEL STATEMENTS:

Health: 1                                      Flammability: 0                      Reactivity: 0                      Specific: None

OTHER AGENCIES:

---

## SECTION 15: REGULATORY INFORMATION

---

### U.S. FEDERAL REGULATIONS:

TSCA (TOXIC SUBSTANCE CONTROL ACT): Yes

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): No

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): N/A

311/312 HAZARD CATEGORIES: N/A

313 REPORTABLE INGREDIENTS: Potassium Acetate

# SAFETY DATA SHEET

Name of Product: **POTASSIUM ACETATE 60%**

Product #: See Section 1

Revision Date: June 2, 2015

---

STATE REGULATIONS: N/A

INTERNATIONAL REGULATIONS: N/A

---

## SECTION 16: OTHER INFORMATION

---

### **PREPARATION INFORMATION:**      *Technical Services*

**DISCLAIMER:**      The information contained herein is offered only as a guide to the handling of this specific material and has been prepared in good faith by technically knowledgeable personnel. It is not intended to be all-inclusive and the manner and conditions of use and handling may involve other and additional considerations. No warranty of any kind is given or implied and Nachurs Alpine Solutions will not be liable for any damages, losses, injuries or consequential damages which may result from the use or reliance on any information contained herein.

"NASi" is a trademark of Nachurs Alpine Solutions.