



# SAFETY DATA SHEET

Product #: See Section 1

Name of Product:

Revision Date: June 2, 2015

## POTASSIUM ACETATE 50%

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### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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PRODUCT NAME: Potassium Acetate 50 %  
SYNONYMS: Acetic Acid Potassium Salt  
PRODUCT CODES: I000006, I000100, I000111

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

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### SECTION 2: HAZARDS IDENTIFICATION

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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:

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

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## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

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INGREDIENT: Potassium Acetate

CAS NO.: 127-08-2  
% WT: 50%

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

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## SECTION 4: FIRST AID MEASURES

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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.

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## SECTION 5: FIRE-FIGHTING MEASURES

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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

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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.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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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.

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## SECTION 7: HANDLING AND STORAGE

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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.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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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.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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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: -70°F  
-57°C

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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) 1.275

DENSITY, LBS/GAL: 10.65

SOLUBILITY IN WATER: Complete

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

PERCENT SOLIDS BY WEIGHT: 50%

PERCENT VOLATILE: Variable depending on concentration.

VOLATILE ORGANIC COMPOUNDS (VOC): 0%

AUTOIGNITION TEMPERATURE: N/A

VISCOSITY (cP): 20°C 0°C -10°C -20°C  
5.5 11.4 29.3 145

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



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STATE REGULATIONS: N/A

INTERNATIONAL REGULATIONS: N/A

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## SECTION 16: OTHER INFORMATION

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

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