

Offer Sheet

Product	Potassium Acetate 50% deicer Virgin, clear, colorless liquid recently produced
Packaging	Totes, bulk via truckload
Net weight	2,940 lbs./tote
Manufacture date	
Availability	Ongoing
Location	Scott City, MO 63780 and Cresson, TX 76035
Date	12/3/25
COA & SDS	Attached below



275 Gallon

Deicer Comparison Table

Product	Working Temp	Notes
Potassium acetate 50%	-60°F	Best airport deicer; non-corrosive
Sodium chloride (rock salt)	+15°F	Ineffective below this
Calcium chloride	-25°F	Works but corrosive
Magnesium chloride	-10°F	Corrosive; environmental issues
Urea	+25°F	Weak deicer; banned at airports

Basis

KAC 50% - 10.69 #/gal

Tote weight = 2,940 lbs

FTL 14 totes = 41,160 kbs

FOB Locations

Scott City, MO 63780

1) 4 - 275 gal totes

2) FTL 14 -totes

3) Bulk 4,200 gal or 42,276 lbs.

Cresson, TX 76035

1) 4 - 275 gal totes

2) FTL 14 -totes

3) Bulk 4,200 gal or 42,276 lbs.

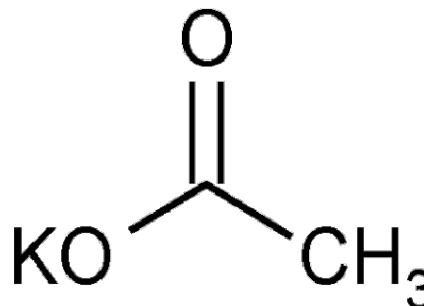
For contractors that provide snow removal services for corporate centers, parking lots or highway/road deicing or for regional airports. Effective to very low temperatures; significantly outperforms sodium chloride and calcium chloride. Airports rate 50% potassium acetate as effective down to -60°F. DOT highway programs rate it down to -50°F for anti-icing,

Applications

Category	Application
Aviation & Airports	Runway deicer / anti-icer
Taxiways & apron areas	Safe for aircraft materials; avoids chloride corrosion.
Gate and parking positions	Used around sensitive aircraft structures and landing gear.
Roadway & Transportation	Highway anti-icing
Bridge decks	Non-corrosive alternative to chloride salts; protects rebar and steel.
Parking structures	Safe for concrete; prevents chloride-related spalling.
Industrial yards	Used in rail yards, logistics centers, truck depots.

Certificate of Analysis

Product Name	Potassium Acetate 50%
Product Number	10854
CAS Number	127-08-2
Formula	C ₂ H ₃ OOK
Formula Weight	98.15 g/mol
Batch/Vessel	ISO306
LOT	250125
Date	1/25/2025



Parameter	CAS	Units	Specification	Actual
Potassium Acetate	127-08-2	wt%	59-61	50.02
Specific Gravity @ 20 C			1.275-1.295	1.286
Sodium (as Na), wt%		wt%	<0.2	ND
Chlorides (as Cl), ppm		ppm	<50	ND
Heavy Metals, as Pb, ppm		ppm	<2	ND
pH			7-9	8.1
APHA Color			Report	<10

The information contained in this document is based on our present knowledge and analytical testing. It is intended to provide general information on our products and their uses. This document should not be construed as promising or guaranteeing specific properties of the product described or its suitability for a particular application. The user is solely responsible for determining the suitability of the products for the intended purpose. To the best of our knowledge the information in this document is accurate; however Altiras does not assume any liability whatsoever for the accuracy and completeness of the information contained. Those interested in utilizing this product are strongly urged to seek and adhere to current instructions for handling this product, and to entrust the handling of such product to adequately trained personnel only. Please adhere to the instructions and information contained in the corresponding Safety Data Sheet (SDS) before attempting to utilize this product in any way. User is solely responsible for investigating and checking the regulatory approval status.

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Potassium Acetate Solution
Product Numbers: 10854, 10855, 10856, 10857, 10858

Supplier: Chemaris Acetyls LLC
15354 Park Row
Houston, TX 77084

Telephone: 713-568-3651
Emergency Phone #: 800-424-9300

2. HAZARDS IDENTIFICATION

Emergency Overview

OSHA Hazards:

No known OSHA hazards.

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS).

HMIS Classification:

Health hazard: 0
Flammability: 0
Physical hazard: 0

NFPA Rating:

Health hazard: 0
Fire: 0
Reactivity Hazard: 0

Potential Health Effects:

Inhalation: May be harmful if inhaled.
Skin: May be harmful if absorbed through skin. May cause skin irritation.
Eyes: May cause eye irritation.
Ingestion: May be harmful if swallowed.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Formula: $C_2H_3KO_2$
Molecular Weight: 98.15 g/mol
No ingredients are hazardous according to OSHA criteria.

4. FIRST AID MEASURES

General information

No special measures required.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult doctor in case of complaints.

In case of skin contact

Immediately wash off with soap and plenty of water. Get medical attention if symptoms develop.

In case of eye contact

Flush eyes with water as a precaution. Get medical attention immediately if irritation persists.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Get medical attention if symptoms develop.

5. FIREFIGHTING MEASURES

Conditions of flammability

Not flammable or combustible.

Wear self contained breathing apparatus for fire fighting if necessary.

Suitable extinguishing media

Use water spray, alcohol resistant foam, dry chemical or carbon dioxide.

Hazardous combustion products

Carbon oxides, Potassium oxides

Special protective equipment for firefighters

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Prevent skin/eye contact. Use personal protective equipment as needed.

Environmental precautions

Dilute with plenty of water. Do not allow to enter sewers/ surface or ground water.

Methods and materials for containment and cleaning up

Clean up spills immediately. Use absorbent materials if needed and dispose into a chemical waste container.

7. HANDLING AND STORAGE

Precautions for safe handling

No special measures necessary. Good laboratory technique should be used when handling.

Conditions for safe storage

No special measures necessary. Store at room temperature.

Incompatible Products

No known products

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Personal protective equipment

Respiratory protection

Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection

Wear protective gloves. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.

Eye protection

Avoid eye contact with this material. Wear chemical safety goggles.

Skin and body protection

Use chemical gloves as needed. Use clean protective body covering clothing as needed to minimize contact with clothing and skin.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Wash and dry hands at the end of workday.

9. PHYSICAL AND CHEMICAL PROPERTIES**Appearance**

Form	liquid
Color	colorless or blue tinted liquid
Odor	no data available

Safety data

pH	6-11
Melting point/freezing point	4F to <-70F
Boiling point	no data available
Flash point	>500F
Ignition temperature	no data available
Autoignition Temperature	no data available
Lower explosion limit	no data available
Upper explosion limit	no data available
Vapor pressure	no data available
Density (water=1)	1.14 to 1.35
Water solubility	fully miscible
Partition coefficient: n-octanol/water	no data available
Relative vapor Density	no data available
Odor Threshold	no data available
Evaporation rate	no data available

10. STABILITY AND REACTIVITY**Chemical stability**

Stable under recommended storage conditions.

Possibility of hazardous reactions

No further relevant data available.

Conditions to avoid

No further relevant data available.

Materials to avoid

No further relevant data available.

Hazardous decomposition products

- Carbon oxides, Potassium oxides

11. TOXICOLOGICAL INFORMATION

Acute toxicity LD/LC50 values

no data available

Serious eye damage/eye irritation

no data available

Respiratory or skin sensitization

no data available

Germ cell mutagenicity

no data available

Skin corrosion/irritation

no data available

Carcinogenicity

No components of this product are listed by IARC, ACGIH, NTP and OSHA.

Reproductive toxicity

no data available

Teratogenicity

no data available

Aspiration hazard

no data available

Synergistic effects

no data available

12. ECOLOGICAL INFORMATION

Toxicity

no data available

Toxicity

no data available

Persistence and degradability

no data available

Bioaccumulative potential

no data available

Mobility in soil

no data available

PBT and vPvB assessment

no data available

Other adverse effects

no data available

13. DISPOSAL CONSIDERATIONS**Product**

Dispose of unused product, residues, and containers according to local, regional, state, and national regulations.

Contaminated packaging

Dispose of as unused product.

14. TRANSPORT INFORMATION**DOT (US)**

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

15. REGULATORY INFORMATION**OSHA Hazards**

No known OSHA hazards.

SARA 302 Components

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

No SARA Hazards.

16. OTHER INFORMATION

The above information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution. Since Chemaris Acetyls cannot control the actual methods, volumes, or conditions of use, Chemaris Acetyls shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein. THE INFORMATION IN THIS SDS DOES NOT CONSTITUTE A WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.