

MATERIAL SAFETY DATA SHEET

MANUFACTURER: NACHURS ALPINE SOLUTIONS
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EMERGENCY NO. 1-800-424-9300 (Chemtrec)

NO. Alpine IceMelt
DATE: 12/1/2006
PREPARED BY: Greg Bame

SECTION I. MATERIAL IDENTIFICATION

CHEMICAL NAME AND SYNONYMS: Potassium Acetate, Liquid

TRADE NAME AND SYNONYMS: Acetic acid potassium salt
 Deicing Fluid
 Antiicing Fluid

SECTION II. INGREDIENTS AND HAZARDS

	%	HAZARD DATA	CAS#		
Potassium Acetate	50	NA	127-08-2		
Water	50	NA	7732-18-5		
Corrosion Inhibitor	<1	NA	Proprietary		

SECTION III. PHYSICAL DATA

Water solubility	Complete	Specific gravity (H ₂ O = 1)	1.28
pH	8.5-11.0	Density, lbs/gal	10.65
Freezing Point	-70F	Percent Volatiles (by volume)	50

Appearance and Odor: Clear, nearly colorless liquid. Mild odor.

SECTION IV. FIRE AND EXPLOSION DATA

			LOWER	UPPER
Flash Point and Method: N/A	Autoignition Temp: N/A	Flammability Limits in Air: N/A	N/A	N/A
Extinguishing media:	Suitable for surrounding fire			
Special fire fighting procedures:	NA			
Unusual fire and explosion hazards:	Carbon monoxide and/or carbon dioxide may be released.			

SECTION V. HEALTH HAZARD INFORMATION

FIRST AID:

Eye Contact: Wash eyes thoroughly with water for at least 15 minutes. Seek medical attention.

Skin contact: Thoroughly wash with soap and water. Seek medical attention if irritation develops or persists.

Inhalation: Remove from exposure to area of fresh air. If not breathing, give artificial respiration.

Ingestion: If victim is conscious and alert, give milk or water. Seek medical attention.

SECTION VI. REACTIVITY DATA

Stability:	Stable	<input checked="" type="checkbox"/>	Conditions to avoid: None reported
	Unstable	<input type="checkbox"/>	
Incompatibility:	: No data reported.		
Hazardous decomposition products:	Carbon monoxide and/or carbon dioxide.		
Hazardous Polymerization:	May occur	<input type="checkbox"/>	
	Will not occur	<input checked="" type="checkbox"/>	

SECTION VII. SPILL, LEAK AND DISPOSAL PROCEDURES

SPILLS, LEAKS: Confine the spill to a diked area or sump and recover as much of the material as possible. Place in suitable containers.

WASTE DISPOSAL METHOD: Reclaim and reuse as much as possible. Dispose in accordance with all federal, state, and local regulations.

SECTION VIII. SPECIAL PROTECTION INFORMATION

Respiratory protection: Respiratory protection is 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.

Ventilation: Provide local exhaust as necessary

Protective Gloves: Rubber or plastic Eye Protection: Safety goggles and face shield.

Other protective equipment and precautions: Not generally required.

SECTION IX. SPECIAL PRECAUTIONS AND COMMENTS

Storage & Handling Information: Store in suitable containers made of plastic, mild steel, fiberglass, or stainless steel. Always use good safety and industrial hygienic practices.

Other Precautions: None

DOT Class: Not Applicable

Hazard Rating (N.F.P.A.)	
Health:	1
Fire:	0
Reactivity	0

This N.F.P.A. rating is a recommendation by the manufacturer using the guidelines or published evaluations prepared by the National Fire Protection Association (N.F.P.A.)

Judgements as to the suitability of information herein for purchaser's purposes are necessarily purchaser's responsibility. Therefore, although reasonable care has been taken in the preparation of such information **NACHURS ALPINE SOLUTIONS** extends no warranties, makes no representations and assumes no responsibility as to accuracy or suitability of such information for application to purchaser's intended purposes of for consequences of its use.

Signature: 

Title: Director of Plant Operations, U.S.