



# MATERIAL SAFETY DATA SHEET

## SECTION 1- PRODUCT AND MANUFACTURER INFORMATION

MSDS DATE: 8/1/2010

PRODUCT	<b>OCTAMELT</b>
SYNONYMS	<b>Runway Deicer</b>
CHEMICAL FAMILY	glycols
FORMULA	Mixture

### MANUFACTURER

OCTAGON PROCESS  
 Serviced by Katapullt LLC  
 30 Ramland Rd, Ste 103  
 Orangeburg, NY 10962

### EMERGENCY

CHEMTREC.....800-424-9300  
 COMPANY EMERGENCY PHONE.....800 423-3375

## SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL/Common Name	CAS-Number	%	PEL-OSHA	TLV-ACGIH
Potassium Acetate 50%	00127-08-2	48-50%	none established	none established

NOTE: potassium acetate is not listed at 29CFR 1910.1000 (subpart Z), however it poses a potential irritant to eyes, mouth and mucous membranes if exposure is continuous or often repeated.

Product is not considered carcinogenic by NTP, IARC or OSHA

## SECTION 3 - HAZARDOUS MATERIAL IDENTIFICATION SYSTEM

HEALTH=1 FLAMMABILITY=0 REACTIVITY=0 PROTECTION=B

## SECTION 4 - HEALTH HAZARD DATA

### HEALTH EFFECTS (Acute And Chronic)

EYES May cause stinging sensation, burning, redness and irritation. No chronic effects are expected under normal intended use.

SKIN May cause itching, redness and irritation. No chronic effects are expected under normal intended use.

INHALATION Slight irritation to nose, throat and upper respiratory tract. No chronic effects are expected under normal intended use.

INGESTION Accidental ingestion may cause irritation to the mouth and throat and distress to the lower gastrointestinal tract.

### PRIMARY ROUTES OF ENTRY

EYES/SKIN: Yes

INHALATION: Not likely

INGESTION: Not likely

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE Pre-existing eye and skin conditions may be aggravated by excessive exposure.



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### SECTION 5 - FIRST AID INSTRUCTIONS

#### EMERGENCY FIRST AID PROCEDURES

EYES Flood with water for at least 15 minutes. If irritation occurs and persists, get medical attention.

SKIN Wash affected area with water and mild soap. If irritation occurs and persists, get medical attention.

INHALATION Move victim to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, administer artificial respiration (mouth to mouth is preferred) if trained - get immediate medical attention.

INGESTION Administer 4-8 oz. of water to dilute stomach contents. Get medical attention.

### SECTION 6 - CHEMICAL DATA

<u>BOILING POINT</u>	212°F	<u>SPECIFIC GRAVITY (WATER=1)</u>	1.1575
<u>VAPOR PRESSURE (mmHg)</u>	not determined	<u>PERCENT VOLATILE BY VOLUME (%)</u>	45%
<u>VAPOR DENSITY (AIR=1)</u>	not determined	<u>EVAPORATION RATE (n-butyl alcohol =1)</u>	not determined

SOLUBILITY IN WATER Complete

APPEARANCE AND ODOR INFORMATION clear blue liquid, bland odor

INCOMPATIBILITY (Materials To Avoid) strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS none known

WILL HAZARDOUS POLYMERIZATION OCCUR no

CONDITIONS TO AVOID FOR POLYMERIZATION none

IS THE PRODUCT STABLE Yes

CONDITIONS TO AVOID FOR STABILITY strong oxidizers, high temperatures

### SECTION 7 – FIRE FIGHTING INFORMATION

FLASH POINT (Method Used) none (COC)                      FLAMMABLE LIMITS does not apply

EXTINGUISHING MEDIA water spray or fog, foam, dry chemical, CO<sub>2</sub>.

SPECIAL FIRE FIGHTING PROCEDURES Keep fire-exposed containers cool with water spray.

UNUSUAL FIRE AND EXPLOSION HAZARDS None



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### SECTION 8 - SPILL OR LEAK/DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Dike and contain spill. Spread inert absorbent material on area and sweep up. Place in proper container for disposal. Product is biodegradable in water, however, control releases to eliminate excessive discharge and minimize dispersion. Spilled material may be slippery – use caution. Comply with spill notification requirements. All response activities must comply with HAZWOPER (29CFR 1910.120).

WASTE DISPOSAL METHODS Dispose of waste in compliance with local, state and federal regulations. Recycle material where possible.

### SECTION 9 – TOXICOLOGY INFORMATION

Data not developed.

### SECTION 10 – ECOLOGICAL INFORMATION

Data not developed.

### SECTION 11 - EXPOSURE CONTROL AND PROTECTION

VENTILATION Not required with normal intended use.

RESPIRATORY PROTECTION Not required with normal intended use.

PROTECTIVE GLOVES Neoprene or PVC

OTHER PROTECTIVE EQUIPMENT Always wear eye protection when handling chemicals. If excessive splashing is expected, wear full-face shield and rubber apron. Wear full cover shirt and pants to protect against exposure. Provide local emergency showers and eyewash stations.

OTHER ENGINEERING CONTROLS None

WORK PRACTICES All users should consult MSDS before handling this material. Avoid excessive eye/skin contact.

HYGIENIC PRACTICES Wash hands and face after using this product. Remove contaminated clothing immediately. Launder contaminated clothing before re-use.

### SECTION 12 – HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE Store in a cool, dry place away from oxidizers. Protect against high moisture pick-up. Keep containers closed when not in use.



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### SECTION 13 - SPECIAL PRECAUTIONS

MAINTENANCE PRECAUTIONS Clean contaminated equipment before initiating any repair work

### SECTION 14 – OTHER INFORMATION

None

### SECTION 15 – REGULATORY INFORMATION

#### NEW JERSEY RIGHT TO KNOW INFORMATION

00127-08-5     potassium acetate  
07732-18-5     water  
00057-55-6     propylene glycol

#### SARA INFORMATION

Product contains no components regulated under SARA III Section 313 Supplier Notification Requirements.

#### TSCA INFORMATION

All components of this product are listed in the TSCA Inventory.

### SECTION 16 – HAZARDOUS MATERIAL IDENTIFICATION GUIDE

The follow letter codes refer to personal protective equipment (PPE) recommendations as shown in SECTION 3 of this MSDS, relative to handling hazardous chemical products.

- A     Safety Glasses
  - B**     ***Safety Glasses, Hand Protection***
  - C     Safety Glasses, Hand Protection, Protective Apron
  - D     Full Face Shield, Hand Protection, Protective Apron
  - E     Safety Glasses, Hand Protection, Dust Respirator
  - F     Safety Glasses, Hand Protection, Dust Respirator, Protective Apron
  - G     Safety Glasses, Hand Protection, Vapor Respirator
  - H     Splash Goggles, Hand Protection, Protective Apron, Vapor Respirator
  - I     Safety Glasses, Hand Protection, Dust & Vapor Respirator
  - J     Safety Glasses, Hand Protection, Protective Apron, Dust & Vapor Respirator
  - K     Air Line Hood or Mask, Hand Protection, Full Body Suit, protective Boots
  - X     Unspecified – to be determined\*
- (\*special equipment selection for site-specific applications not otherwise shown here)

The above information is accurate to the best of our knowledge, however, since data, safety standards and government regulations are subject to change and the conditions of handling and use or misuse are beyond our control, Octagon Process assumes no responsibility for any injury or loss resulting from the use of the product described herein.

Prepared according to the OSHA Hazard Communication Standard (29CFR 1910.1200)  
by Octagon Process.