



MATERIAL SAFETY DATA SHEET

SECTION 1- PRODUCT AND MANUFACTURER INFORMATION

MSDS DATE: 8/1/2010

PRODUCT	OCTAGON RD-1435
SYNONYMS	Potassium Acetate Runway Deicer
CHEMICAL FAMILY	Alkaline Deicer
FORMULA	Mixture

MANUFACTURER

OCTAGON PROCESS
 Serviced by Katapult 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	ACGIH - STEL
Potassium Acetate	00127-08-2	>50%	Not Established	Not Established

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 Direct contact may cause redness and irritation.

SKIN Excessive contact may cause redness, irritation and drying of the skin (pH = 10 to 11)

INHALATION No adverse effects are expected with normal use. Excessive exposure may cause irritation to the nose, throat and upper respiratory system.

INGESTION Accidental ingestion may cause irritation to the mouth/throat and irritation to GI tract.

PRIMARY ROUTES OF ENTRY

EYES/SKIN: Yes

INHALATION: Yes (mist/vapor)

INGESTION: Possible but unlikely

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE pre-existing eye or skin conditions



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SECTION 5 - FIRST AID INSTRUCTIONS

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

SKIN Wash 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 Give the victim 4 – 8 oz of water to dilute stomach contents. If irritation occurs and persists, get medical attention

SECTION 6 - CHEMICAL DATA

BOILING POINT	212°F	SPECIFIC GRAVITY (WATER=1)	1.2708
VAPOR PRESSURE (mmHg)	17	PERCENT VOLATILE BY VOLUME (%)	<50%
VAPOR DENSITY (AIR=1)	<1	EVAPORATION RATE (Water =1)	1

SOLUBILITY IN WATER Complete

APPEARANCE AND ODOR INFORMATION Clear blue liquid, odorless.

INCOMPATIBILITY (Materials To Avoid) Strong Oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS Combustion may release acrid smoke, irritating fumes and oxides of carbon.

WILL HAZARDOUS POLYMERIZATION OCCUR No

CONDITIONS TO AVOID FOR POLYMERIZATION None

IS THE PRODUCT STABLE No

CONDITIONS TO AVOID FOR STABILITY Avoid contact with acids or strong oxidizers.

SECTION 7 – FIRE FIGHTING INFORMATION

FLASH POINT (Method Used) None

FLAMMABLE LIMITS NA

EXTINGUISHING MEDIA product does not burn. Fight surrounding fire with appropriate media.

SPECIAL FIRE FIGHTING PROCEDURES Keep fire-exposed containers cool with water fog. Wear SCBA and full turnout gear as recommended by NFPA.

UNUSUAL FIRE AND EXPLOSION HAZARDS



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SECTION 8 - SPILL OR LEAK/DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Product is generally environmentally non-hazardous. If a spill occurs, dike and contain spilled material. Recover free liquid if possible and absorb the remainder with inert material. Sweep up and place in proper container for disposal. Comply with spill all local notification requirements. All response activities must comply with HAZWOPER (29CFR 1910.120). Spilled product may be slippery. Use caution.

WASTE DISPOSAL METHODS Dispose of waste in compliance with local, state and federal regulations. Recycle all wastes whenever feasible.

SECTION 9 – TOXICOLOGY INFORMATION

Data not established.

SECTION 10 – ECOLOGICAL INFORMATION

Data not established.

SECTION 11 - EXPOSURE CONTROL AND PROTECTION

VENTILATION Use forced-air ventilation when handling product in a confined area

RESPIRATORY PROTECTION Not required with recommended use. If exposure causes irritation during routine or non-routine application of product, use NIOSH/MSHA approved respiratory protection (refer to 29CFR 1910.134).

PROTECTIVE GLOVES Neoprene or PVC (refer to 29CFR 1910.132)

OTHER PROTECTIVE EQUIPMENT Wear chemical goggles. If excessive splashing is expected, use a full face shield and rubber apron. Provide local emergency showers and eyewash stations.

OTHER ENGINEERING CONTROLS None

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

HYGIENIC PRACTICES Wash hands and face after using this product. Remove contaminated clothing. Launder contaminated clothing before re-use. Do not allow product to remain on the skin.

SECTION 12 – HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE Store only in dedicated, uncontaminated vessels or containers. Store in a cool, dry place away from acids and oxidizers. Keep containers closed when not in use. Protect from moisture pickup in storage.



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SECTION 13 - SPECIAL PRECAUTIONS

MAINTENANCE PRECAUTIONS Clean contaminated equipment prior to any maintenance to avoid unnecessary exposure.

SECTION 14 – OTHER INFORMATION

NA

SECTION 15 – REGULATORY INFORMATION

NEW JERSEY RIGHT TO KNOW INFORMATION

07732-18-5 Water
00127-08-2 Potassium Acetate
NJ Trade Secret Registry Number 14866600000-5016P

SARA INFORMATION Product is not regulated under SARA III Section 313 Supplier Notification Requirements.

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

DOT INFORMATION

Not regulated

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.