

HILLSBORO ELEMENTARY SCHOOLS213 E.E. 5th Ave.
HILLSBORO, OR 97123

MATERIAL SAFETY DATA SHEET.

CM 0162

PAX COMPANY
580 WEST 1300 SOUTH
SALT LAKE CITY, UTAH 84115

MATERIAL DATA SAFETY SHEET

DATE PREPARED 1/17/89

NEW: REVISID: X

PREPARED BY: BA

SECTION I: PRODUCT IDENTIFICATION-----

Product Name: ICE AWAY

Distributed by: Paulsen & Roles Laboratories

1838 N.E. 7th Avenue

P.O. Box 12107

Portland, OR 97212 Phone: 503-282-3289

Chemical Names of Ingredients: Potassium Chloride, Petro Ag and
dedusting oil (Pella A).

SECTION II: HAZARDOUS INGREDIENTS-----

As Pax Company interprets the Occupation, Safety and Health Act of 1970, the potassium chloride, Petro Ag and dedusting oil in this product should not be considered hazardous materials.

MSDS attached for potassium chloride (for informational use).

SECTION III: PHYSICAL DATA-----

Physical Form: Granular

Color: White

Specific Gravity: 1.98

Solubility: 25% at 68°F

Odor: odorless

pH: 1% solution: 7

Flash Point: N/A

SEE ATTACHED MSDS'S FOR SPECIFIC INFORMATION ON:

HEALTH DATA, FIRE AND EXPLOSION PROTECTION, SPECIAL
PROTECTION, REACTIVITY DATA AND STORAGE, DISPOSAL AND SPILL
PROCEDURES.

EMERGENCY PHONE NUMBER: PAX COMPANY 801-973-2800

MATERIAL SAFETY DATA SHEET

POTASH

CAUTION-HAZ CAUSE SKIN AND
EYE IRRITATION

Texasgulf Chemicals Co.

Glenwood at Glen Eden
P.O. Box 30321
Raleigh, North Carolina 27622-0321 (919) 881-2700
TRANSPORTATION EMERGENCIES CALL (800) 434-6300 (EXCEPT
HEALTH EMERGENCIES, CONTACT YOUR LOCAL POISON CENTER

PRODUCT INFORMATION

CHEMICAL NAME AND SYNONYMS

Potassium Chloride

CHEMICAL FAMILY

Inorganic Salt

CAS NUMBER

7447-40-7

LISTED IN: OSHA SUBPART E ACCIDENTAL HAZARD HTP LIST

HAZARD MONOGRAPHIC ☒ NONE OF THE ABOVE

TYPICAL COMPOSITION

Potassium chloride

Sodium chloride

TRADE NAME AND SYNONYMS

Potash, potassium muriate, muriate of potash

FORMULA

KCl

%

96.6-98.3

0.1- 2.6

CAS 4747-14-5

PHYSICAL DATA

BOILING POINT (°F) Sublimes 42732

VAPOR PRESSURE (mm Hg) N/A

VAPOR DENSITY (AIR=1) N/A

SOLUBILITY IN WATER 35.6 @ 60°F

APPEARANCE AND COLOR White or red crystals or granules, odorless.

Wt 7 lb 16 oz.

MELTING POINT (°F) 1423

SPECIFIC GRAVITY (60°F) 1.98

PERCENT VOLATILE N/A

OF VOLUME (N/A)

EVAPORATION RATE N/A

(N/A)

OTHER

FIRE AND EXPLOSION HAZARD INFORMATION

FLASH POINT (Method Used) Not combustible

FLAMMABLE LIMITS

LEL N/A

UEL N/A

EXTINGUISHING MEDIA N/A

SPECIAL FIRE FIGHTING PROCEDURES None

UNUSUAL FIRE AND EXPLOSION HAZARD None

HEALTH INFORMATION

THRESHOLD LIMIT VALUE None established. OSHA nuisance dust limit of 15/mg/m³ and the ACGIH nuisance dust TLV of 10/mg/m³ for the eight hour time weighted average applies.

EFFECTS OF OVEREXPOSURE EYE-Irritant. SKIN-Slightly irritating. INHALATION-Irritates trachea and upper breathing passages. INGESTION-Large doses can cause G.I. irritation, purging, weakness and electrolyte disturbances. Low toxicity. (Toxicity LD₅₀ Rat 3010 mg/kg)

EMERGENCY AND FIRST AID PROCEDURES

EYE-Flush thoroughly with water. Seek medical attention if irritation persists.

SKIN-Wash thoroughly with soap and water.

INHALATION-Remove to fresh air. If discomfort continues, seek medical attention.

INGESTION-If person is conscious, give large amounts of water to drink and induce vomit. Seek medical aid.

REACTIVITY DATA

STABILITY ☐ UNSTABLE

CONDITIONS TO AVOID None

☐ STABLE

INCOMPATIBILITY (Minimum weight) Strong acids-can cause release of toxic chloride gases.

HAZARDOUS DECOMPOSITION PRODUCTS None

HAZARDOUS ☐ MAY OCCUR

CONDITIONS TO AVOID None

POLYMERIZATION

☒ WILL NOT OCCUR

SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Prevent large quantities from contact with waterways or vegetation.

WASTE DISPOSAL METHOD If uncontaminated, recover and reuse product. Consult State or Federal environmental regulatory agencies for acceptable disposal procedures and local

PERSONAL PROTECTION INFORMATION

EYE-Tight fitting goggles should be worn in dusty areas.

SKIN-If irritation occurs, long sleeves and impervious gloves should be worn.

RESPIRATORY-A NIOSH-approved dust respirator should be used when exposure exceeds the OSHA standard of 15/mg/m³.

SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING None

OTHER PRECAUTIONS Potash is mildly corrosive to steel when wet.

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