

SAFETY DATA SHEET

ICE-O-THERM

Date Prepared : 5/22/2015
SDS No : K40-60070_SDS

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT CODE: K40-60070
PRODUCT NAME: ICE-O-THERM

DISTRIBUTED BY: ULTRA-CHEM, INC.
ADDRESS: 9870 BRITTON ST.
LENEXA, KS 66219

24 HR. EMERGENCY TELEPHONE NUMBERS
Infotrac 800-535-5053

CUSTOMER SERVICE: 913-492-2929
EMAIL ADDRESS: ORDERS@ULTRA-CHEMINC.COM

GENERAL USE: Granular Snow & Ice Melt

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Eye Irritation, Category 2

GHS LABEL

This chemical is considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200)



Exclamation
mark

SIGNAL WORD: WARNING

HAZARD STATEMENTS

H319: Causes serious eye irritation.
H302: Harmful if swallowed.

PRECAUTIONARY STATEMENTS

Prevention:

P264: Wash face, hands and any exposed skin thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313: If eye irritation persists: Get medical advice/attention.

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: White Granular

POTENTIAL HEALTH EFFECTS

EYES: May cause slight eye irritation, mechanical injury only. Dust formation should be avoided, as dust can cause severe eye irritation with corneal injury.

SKIN: Brief contact is essentially nonirritating to skin. Prolonged contact may cause skin irritation, even a burn. Not classified as corrosive to the skin according to DOT guidelines. May cause more severe response if skin is damp. May cause more severe

response if skin is abraded (scratched or cut). May cause more severe response on covered skin (under clothing, gloves).

INGESTION: Low toxicity if swallowed. Small amounts swallowed incidentally as a result of normal handling operations are not likely to cause injury; however, swallowing larger amounts may cause injury. Swallowing may result in gastrointestinal irritation or ulceration.

INHALATION: Dust may cause irritation to upper respiratory tract (nose and throat).

ROUTES OF ENTRY: Dermal contact. Eye contact. Inhalation. Ingestion.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Proprietary Blend Containing Calcium Chloride	proprietary	10043-52-4

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.

INGESTION: Rinse mouth. Do NOT induce vomiting. Call a physician or Poison Control Center.

INHALATION: Move person to fresh air; if effects occur, consult a physician.

NOTES TO PHYSICIAN: Due to irritant properties, swallowing may result in burns/ulceration of the mouth, stomach and lower gastrointestinal tract with subsequent stricture. Aspiration of vomitus may cause lung injury. Suggest endotracheal/esophageal control if lavage is done. If burn is present, treat as any thermal burn, after decontamination. No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: Product does not burn

GENERAL HAZARD: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action should be taken involving any personal risk or without suitable training.

EXTINGUISHING MEDIA: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

EXPLOSION HAZARDS: None

FIRE FIGHTING EQUIPMENT: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SENSITIVE TO STATIC DISCHARGE: None

SENSITIVITY TO IMPACT: None

HAZARDOUS DECOMPOSITION PRODUCTS: No data available

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Ventilate area. Contain spill and remove all sources of moisture. Sweep up spilled material and place in a properly labeled closed container for re-use or disposal.

GENERAL PROCEDURES: No action should be taken involving and personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. put on appropriate personal protective equipment.

7. HANDLING AND STORAGE

HANDLING: Ensure adequate ventilation. Wear personal protective equipment as required based on a risk assessment. Do not get in eyes, on skin, or on clothing. Do not breathe vapors or spray mist. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling.

STORAGE: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food or drink. Separate from acids. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do

not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
			EXPOSURE LIMITS	
			Supplier OEL	
Chemical Name			ppm	mg/m ³
Proprietary Blend Containing Calcium Chloride			TWA	10 mg/

ENGINEERING CONTROLS: Use only with adequate ventilation. use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts. Recommended: splash goggles with the use of any liquid products.

SKIN: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

RESPIRATORY: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

PROTECTIVE CLOTHING: Wear chemical protective clothing e.g. gloves, aprons, boots. As conditions required.

WORK HYGIENIC PRACTICES: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Granular

ODOR: Typical

APPEARANCE: White Granular Pellets

pH: NA = Not Applicable

PERCENT VOLATILE: No data available

FLASH POINT AND METHOD: NA = Not Applicable

AUTOIGNITION TEMPERATURE: NA = Not Applicable

VAPOR PRESSURE: 75

VAPOR DENSITY: 75

MELTING POINT: ~ (1422°F)

THERMAL DECOMPOSITION: NA = Not Applicable

SOLUBILITY IN WATER: Completely soluble

SPECIFIC GRAVITY: NA = Not Applicable

10. STABILITY AND REACTIVITY

STABLE: Yes

HAZARDOUS POLYMERIZATION: No

STABILITY: Stable under recommended storage conditions.

POLYMERIZATION: Hazardous polymerization does not occur.

CONDITIONS TO AVOID: Moisture

HAZARDOUS DECOMPOSITION PRODUCTS: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

INCOMPATIBLE MATERIALS: Heat is generated when mixed with water. Spattering and boiling can occur. Avoid contact with: Sulfuric acid. Corrosive when wet. Flammable hydrogen may be generated from contact with metals such as: Zinc: Sodium. Reaction of bromide impurity with oxidizing materials may generate trace levels of impurities such as bromate.

11. TOXICOLOGICAL INFORMATION

ACUTE

DERMAL LD₅₀: > 5000 mg/kg Rabbit

Notes: For major component(s)

ORAL LD₅₀: 918-1668 mg/kg (Rat)

Notes: Typical for this family of materials.

EYE EFFECTS: Causes serious eye irritation.

SKIN EFFECTS: Mild irritant

CHRONIC: Repeated contact may cause allergic reactions in very susceptible persons.

CARCINOGENICITY

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by OSHA.

IRRITATION: Irritant to eyes

SENSITIZATION: No data available

NEUROTOXICITY: None known.

GENETIC EFFECTS: None known.

REPRODUCTIVE EFFECTS: None known.

TARGET ORGANS: None known.

TERATOGENIC EFFECTS: No data available

MUTAGENICITY: None known.

12. ECOLOGICAL INFORMATION

AQUATIC TOXICITY (ACUTE): Material is practically non-toxic to aquatic organisms on an acute basis.

Notes: >100mg/L in the most sensitive species tested

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: This material, as supplied, is not a hazardous waste according to federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixing with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

EMPTY CONTAINER: Do not re-use empty containers.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

OTHER SHIPPING INFORMATION: Not regulated for domestic ground transportation

15. REGULATORY INFORMATION**UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

311/312 HAZARD CATEGORIES: Acute Health Hazard

313 REPORTABLE INGREDIENTS: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

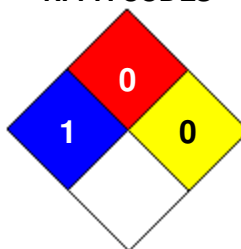
Chemical Name	CAS
Proprietary Blend Containing Calcium Chloride	10043-52-4

16. OTHER INFORMATION

PREPARED BY: KH **Date Prepared:** 5/22/2015

HMIS RATING

HEALTH	<input type="text" value="1"/>
FLAMMABILITY	<input type="text" value="0"/>
PHYSICAL HAZARD	<input type="text" value="0"/>
PERSONAL PROTECTION	<input type="text" value="B"/>

NFPA CODES

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