



SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	3463	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	ICE FIGHTER	EMERGENCY TELEPHONE:	1-800-241-8180
PRODUCT DESCRIPTION:	Granular Ice Melting Compound	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 BLUEGRASS LAKES PARKWAY ALPHARETTA, GA 30004		

2. Hazards Identification

LABEL ELEMENTS

GHS-US labelling: No labeling applicable.

OTHER HAZARDS:

No additional information available.

UNKNOWN ACUTE TOXICITY (GHS-US):

No data available.

3. Composition / Information on Ingredients

CHEMICAL NAME:	PRODUCT IDENTIFIER	%
Contains no hazardous ingredients at levels requiring disclosure by the OSHA Hazard Communication Standard (29 CFR 1910.1200).		

4. First Aid Measures

EMERGENCY OVERVIEW:

GENERAL: If exposed or concerned, get medical attention/advice. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse. Never give anything to an unconscious person.

INHALATION:

IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if breathing is affected. If breathing is difficult, supply oxygen.

SKIN CONTACT:

IF ON SKIN (or clothing): Remove affected clothing and wash all exposed skin with water for at least 15 minutes. If irritation develops or persists, get medical attention.

EYE CONTACT:

IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do so. Continue rinsing.

INGESTION:

Rinse mouth thoroughly. Do not induce vomiting without advice from poison control center or medical professional. Get medical attention if you feel unwell.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:

Symptoms/injuries after inhalation: May cause respiratory irritation.
Symptoms/injuries after skin contact: May cause skin irritation.
Symptoms/injuries after eye contact: Direct contact with the eyes is likely to be irritating.
Symptoms/injuries after ingestion: May cause gastrointestinal irritation.

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

No additional information available.

5. Fire-Fighting Measures

SUITABLE EXTINGUISHING MEDIA:

Dry chemical. Foam. Water spray. Sand.

UNSUITABLE EXTINGUISHING MEDIA

None known.

SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:

Fire hazard: Product is not flammable.
Explosion hazard: Product is not explosive.
Reactivity: Product is hygroscopic and may give off heat while dissolving.

ADVICE FOR FIREFIGHTERS:

Firefighting instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Do not dispose of fire-fighting water in the environment.
Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

6. Accidental Release Measures

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

General measures: Spill should be handled by trained clean-up crews properly equipped with respiratory equipment and full chemical protective gear (see Section 8). Evacuate area. Ventilate area. Keep upwind.

Non-Emergency Personnel:

Protective equipment: Wear Protective equipment as described in Section 8.

Emergency procedures: Evacuate unnecessary personnel.

Emergency Responders:

Protective equipment: Wear suitable protective clothing, gloves and eye or face protection. Approved supplied-air respirator, in case of emergency.

ENVIRONMENTAL PRECAUTIONS:

Avoid release to the environment. Prevent entry to sewers and public waters.

METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP:

For containment: Contain and collect as any solid. Prevent entry to sewers and public waters.

Methods for cleaning up: Sweep up loose material. Place residues in suitable, covered, and labeled container. Dispose of material in compliance with local, state, and federal regulations.

REFERENCE TO OTHER SECTIONS :

No additional information available.

7. Handling and Storage

PRECAUTIONS FOR SAFE HANDLING:

Do not handle until all safety precautions have been read and understood. Keep away from sources of ignition. No smoking. Use appropriate personal protection equipment (PPE). Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. If diluting, the heat developed during diluting or dissolving is very high. Use cool water (less than 80°F) and add material to water.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

Storage conditions: Keep container tightly closed. Store in a dry, cool, and well-ventilated place.

Incompatible materials: Moisture.

Storage area: Store in a well-ventilated place.

SPECIFIC END USE(S):

No additional information available.

8. Exposure Controls / Personal Protection

CONTROL PARAMETERS:

No additional information available.

ENGINEERING CONTROLS:

Provide adequate general and local exhaust ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof equipment with flammable materials. Ensure adequate ventilation, especially in confined areas.

PERSONAL PROTECTIVE EQUIPMENT:



EYES: Use eye protection suitable to the environment. Avoid direct contact with eyes.

SKIN: Use gloves chemically resistant to this material when prolonged or repeated contact could occur. Gloves should be classified under Standard EN 374 or ASTM F1296. Suggested glove materials are: Neoprene, Nitrile/butadiene rubber, Polyethylene, Ethyl vinyl alcohol laminate, PVC or Vinyl. Wear long sleeves, and chemically impervious PPE/coveralls to minimize bodily exposure.

RESPIRATORY: Use NIOSH-approved dust/particulate respirator. Where vapor, mist, or dust exceed PELs or other applicable OELs, use NIOSH-approved respiratory protective equipment.

9. Physical & Chemical Properties

PHYSICAL STATE: Solid.

APPEARANCE: Crystalline solid.

COLOR: Light green.

ODOR: No data available.

ODOR THRESHOLD: No data available.

PH: No data available.

Relative evaporation Rate (butyl acetate=1): No data available.

MELTING POINT: No data available

FREEZING POINT: No data available

BOILING POINT: > 815.556°C (>1500°F)

FLASH POINT: No data available

AUTO-IGNITION TEMPERATURE: No data available

DECOMPOSITION TEMPERATURE: No data available

VAPOUR PRESSURE: No data available

RELATIVE VAPOUR DENSITY AT 20°C: No data available

RELATIVE DENSITY: ≈ 2.2

SOLUBILITY: Soluble

LOG POW: No data available

LOG KOW: No data available

VISCOSITY, KINEMATIC: No data available

VISCOSITY, DYNAMIC: No data available

EXPLOSIVE PROPERTIES: No data available

OXIDIZING PROPERTIES: No data available

EXPLOSIVE LIMITS: No data available

OTHER INFORMATION: No data available

FLAMMABILITY (SOLID, GAS): No data available

10. Stability & Reactivity Information

REACTIVITY:

Product is hygroscopic and may give off heat while dissolving.

CHEMICAL STABILITY:

Stable.

POSSIBILITY OF HAZARDOUS REACTIONS:

No dangerous reactions known under normal conditions of use.

CONDITIONS TO AVOID:

Contact with certain metals.

INCOMPATIBLE MATERIALS:

Sulfuric acid. Metals may corrode in aqueous calcium chloride solutions. Avoid contact with brass, steel, aluminum, ferrous metals or alloys thereof. Leather clothing and shoes may be damaged by calcium chloride.

HAZARDOUS DECOMPOSITION PRODUCTS:

Reacts slowly with (some) metals: release of highly flammable gases/vapours hydrogen. Product attracts moisture and gives off heat while dissolving. May produce toxic and noxious fumes under extreme fire conditions.

11. Toxicological Information**ACUTE TOXICITY:**

Not classified.

SKIN CORROSION/IRRITATION:

Not classified.

SERIOUS EYE DAMAGE/IRRITATION:

Not classified.

RESPIRATORY OR SKIN SENSITIZATION:

Not classified.

GERM CELL MUTAGENICITY:

Not classified.

CARCINOGENICITY:

Not classified.

REPRODUCTIVE TOXICITY:

Not classified.

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE):

Not classified.

SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE):

Not classified.

ASPIRATION HAZARD:

Not classified.

SYMPTOMS/INJURIES AFTER INHALATION: May cause respiratory irritation.

SYMPTOMS/INJURIES AFTER SKIN CONTACT: May cause skin irritation.

SYMPTOMS/INJURIES AFTER EYE CONTACT: Direct contact with the eyes is likely to be irritating.

SYMPTOMS/INJURIES AFTER INGESTION: May cause gastrointestinal irritation.

12. Ecological Information**ECOLOGY- GENERAL:**

Based largely or completely on data for major components: this material is practically non-toxic to aquatic organisms on an acute basis (LC50 greater than 100 mg/L in most sensitive species).

PERSISTENCE AND DEGRADABILITY:

No additional information available.

BIOACCUMULATIVE POTENTIAL:

No additional information available.

MOBILITY IN SOIL:

No additional information available.

OTHER ADVERSE EFFECTS:

No additional information available.

13. Disposal Consideration**WASTE TREATMENT METHODS:**

Do not discharge to public wastewater systems without permit of pollution control authorities. No discharge to surface waters is allowed without an NPDES permit.

WASTE DISPOSAL RECOMMENDATIONS:

Dispose of in accordance with local/national regulations. Do not allow the product to be released into the environment.

14. Transportation Information**IN ACCORDANCE WITH DOT:**

NOT HAZARDOUS FOR TRANSPORT

ADDITIONAL INFORMATION:

Other information: No supplementary information available.

TRANSPORT BY SEA:

No additional information available.

AIR TRANSPORT:

No additional information available.

15. Regulatory Information**US FEDERAL REGULATIONS:**

All chemical substances in this product are listed in the EPA (environment protection agency) TSCA (toxic substances control act) Inventory

SARA Section 311/312 Hazard Classes:	Immediate (acute) health hazard
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INTERNATIONAL REGULATIONS:

No additional information available.

US STATE REGULATIONS:

CALIFORNIA PROPOSITION 65: This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm

16. Other Information

N/A = Not Applicable; N/D = Not Determined

NFPA health hazard: 0 - Exposure under fire conditions would offer no hazard beyond that of ordinary combustible materials.

NFPA fire hazard: 0 - Materials that will not burn

NFPA reactivity: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.

NFPA specific hazard: W - Unusual reactivity with water. This indicates a potential hazard using water to fight a fire involving this material. When a compound is both water-reactive and an oxidizer, the W/bar symbol should go in this quadrant and the OX warning is placed immediately below the NFPA diamond.

DISCLAIMER:

To the best of our knowledge, information contained herein is accurate. However there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.