




SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	2966	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	LIQUID MEAN GREEN	EMERGENCY TELEPHONE:	1-800-241-8180
PRODUCT DESCRIPTION:	Liquid Ice Melt	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: Eye Irritation: Category 2A: H319 Full Text of H Statements: See Section 16	SIGNAL WORD: WARNING	SYMBOL:	
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HAZARD STATEMENTS:
Causes serious eye irritation.

PRECAUTIONARY STATEMENTS:
Preventions: Wash thoroughly after handling. Wear eye protection.
Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

HAZARDS NOT OTHERWISE SPECIFIED:
No additional information available.

UNKNOWN ACUTE TOXICITY:
Not applicable.

3. Composition / Information on Ingredients

CHEMICAL NAME	CAS	CONCENTRATION % by WEIGHT	CLASSIFICATION (GHS-US_
Calcium chloride	10043-52-4	20-30	Eye Irritant: 2A, H319

Full text of H-phrases: See Section 16.
A specific chemical identity and/or percentage of composition has been withheld as a trade secret. Any concentration shown as a range is to protect confidentiality or is due to batch variation.

4. First Aid Measures

EMERGENCY OVERVIEW

GENERAL: If you feel unwell, seek medical advice (show the label where possible).

EYES: Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

SKIN: Rinse skin with water/shower.

INHALATION:
Remove the victim into fresh air.

INGESTION:
Rinse mouth with water. Do NOT induce vomiting.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:
Symptoms/injuries: Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/injuries after inhalation: None under normal use.
Symptoms/injuries after skin contact: Contact during a long period may cause light irritation.
Symptoms/injuries after eye contact: Causes serious eye irritation.
Symptoms/injuries after ingestion: Gastrointestinal complaints.

INDICATION OF IMMEDIATE MEDICAL ATTENTION & SPECIAL TREATMENT NEEDED:
Treat symptomatically.

5. Fire Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:
All extinguishing media allowed.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:
Reactivity: Avoid contact with methyl vinyl ether, sulfuric acid, zinc. This product may react with oxidizing agents.

SPECIFIC FIRE-FIGHTING METHODS:
Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. Take account of environmentally hazardous firefighting water. Do not enter fire area without proper protective equipment, including respiratory protection.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:
Standard protective clothing and equipment (self-contained breathing apparatus) for firefighters. Use self-contained breathing apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely.

6. Accidental Release Measures

GENERAL MEASURES:
Isolate from fire, if possible, without unnecessary risk.

Nonemergency Personnel:
Protective Equipment: Protective goggles. Gloves. Protective clothing.

Emergency Procedures: Evacuate unnecessary personnel. Avoid contact with skin, eyes and clothing. Ventilate spillage area.

Emergency Responders:

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Stop leak if safe to do so. Stop release. Ventilate area.

ENVIRONMENTAL PRECAUTIONS:

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

METHODS & MATERIAL FOR CONTAINMENT AND CLEANUP:

For Containment: Contain released substance, pump into suitable containers.

Methods for Cleanup: This material and its container must be disposed of in a safe way and as per local legislation.

REFERENCE TO OTHER SECTIONS:

No additional information available.

7. Handling and Storage

SAFE HANDLING:

Precautions for Safe Handling: Comply with the legal requirements. Do not handle until all safety precautions have been read and understood.

Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Do not get in eyes, on skin or on clothing.

Hygiene Measures: Wash thoroughly after handling. Wash contaminated clothing before reuse.

SAFE STORAGE & INCOMPATIBILITIES:

Technical Measures: Comply with applicable regulations.

Storage Conditions: Keep container closed when not in use.

Incompatible Products: Strong acids. Strong oxidizing agents.

Incompatible Materials: Heat sources. Open flame.

Storage Area: Meet the legal requirements. Store in a cool area. Store in a dry area.

Special Rules on Packaging: Meet the legal requirements.

8. Exposure Controls / Personal Protection

CONTROL PARAMETERS:

No additional information available.

APPROPRIATE ENGINEERING CONTROLS:

Ensure good ventilation of the workstation. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation or other engineering controls to maintain airborne levels below recommended exposure limits.

PERSONAL PROTECTIVE EQUIPMENT:

Use appropriate personal protective equipment when risk assessment indicates this is necessary. Gloves. Safety glasses. Protective clothing.



9. Physical & Chemical Properties

Appearance:	Blue-green. Clear to hazy liquid.	Flammability(solid/gas):	No data available.
Physical State:	Liquid.	Explosion Limits:	No data available.
Odor:	Mild.	Explosive Properties:	No data available.
Odor Threshold:	No data available.	Oxidizing Properties:	No data available.
pH:	9 - 10	Vapor Pressure:	No data available.
Melting Point:	No data available.	Relative Density:	No data available.
Freezing Point:	No data available.	Solubility (water):	Soluble in water.
Log Pow:	No data available.	Auto Ignition Temperature:	No data available.
Viscosity:	No data available.	Decomposition Temperature:	No data available.
Specific Gravity/Density::	1.2 g/ml	Relative Vapor Density @ 20°C:	No data available.
Boiling Point:	No data available.	Log Kow:	No data available.
Flash Point:	>200°F. Closed cup.	Viscosity (kinematic):	No data available.
Relative Evaporation Rate (butyl acetate=1):	No data available.	Viscosity (dynamic):	No data available.
VOC Content:	0%		

10. Stability & Reactivity Information

REACTIVITY:

Avoid contact with: Methyl vinyl ether, sulfuric acid and zinc. This product may react with oxidizing agents.

CHEMICAL STABILITY:

Stable under normal conditions.

POSSIBILITY OF HAZARDOUS REACTIONS:

Refer to Section 10 on Reactivity.

INCOMPATIBLE MATERIALS:

Zinc. Oxidizing agents.

CONDITIONS TO AVOID:

No additional information available.

HAZARDOUS DECOMPOSITION PRODUCTS:

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

11. Toxicological Information

ACUTE TOXICITY:

Not classified.

SKIN CORROSION/IRRITATION:	
Not classified. pH: 9 - 10	
SERIOUS EYE DAMAGE/IRRITATION:	
Causes serious eye irritation. pH: 9 - 10	
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:	None under normal use.
Symptoms/injuries after skin contact:	Contact during a long period may cause light irritation.
Symptoms/injuries after eye contact:	Causes serious eye irritation.
Symptoms/injuries after ingestion:	Gastrointestinal complaints.

12. Ecological Information

TOXICITY:	No additional information available.
PERSISTENCE AND DEGRADABILITY:	No additional information available.
BIOACCUMULATIVE POTENTIAL:	No additional information available.

13. Disposal Consideration

Dispose in a safe manner in accordance with local/national regulations.

14. Transportation Information

DOT:	Not regulated for transport.
ADR:	No additional information available.
TRANSPORT BY SEA:	No additional information available.
AIR TRANSPORT:	No additional information available.

15. Regulatory Information

ALL COMPONENTS OF THIS PRODUCT ARE LISTED OR EXCLUDED FROM LISTING ON THE United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.
 This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.
California Proposition 65:
 This product does not contain substances known to the state of California to cause cancer and/or reproductive toxicity.

16. Other Information

TRAINING ADVICE:
 Normal use of this product shall imply use in accordance with the instructions on the packaging.
FULL TEXT OF H-PHRASES:
 H319: Causes serious eye irritation.

NFPA	Health Hazards: 1	Flammability: 0	Instability: 0	Physical & Chemical Properties:
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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.