

PRO CHEM, INC.

1475 BLUEGRASS LAKES PKWY.
ALPHARETTA, GA 30004
EMERGENCY/INFO # (800) 241-8180
ADDITIONAL EMERGENCY # INFO TRAC 1-800-535-5053

MATERIAL SAFETY DATA SHEET**MEAN GREEN / 3461****DECEMBER 2009****PAGE 1**

HEALTH	1
FIRE	0
REACTIVITY	0
P.P.E.	

Complies With USDL Safety and Health Regulations, (29 CFR 1910.200)

SECTION 1 – Chemical and Company Identification**CHEMICAL FORMULATION:** Inorganic deicing compound**SECTION 2 – Composition on Ingredients**

Values reported as TWA unless noted.

EPA 40 CFR:

SUBSTANCE	CAS#	APPROX %	OSHA PEL	ACGIH TLV	302	355	372
Contains no hazardous components as defined in 29 CFR 1910.1200.							

SECTION 3 – Hazards Information**ROUTES OF ENTRY:** Eye, skin, ingestion**EFFECTS OF OVEREXPOSURE:****EYE CONTACT:** Mild irritation and redness.**SKIN CONTACT:** Redness, dryness and irritation, with prolonged or repeated exposure.**INGESTION:** Gastrointestinal irritation, nausea, cramps, vomiting.**INHALATION:** None.**INGREDIENTS THAT ARE DEFINED BY OSHA, NTP, IARC TO BE SUSPECTED HUMAN CARCINOGENS:** None**SECTION 4 – First Aid Measures****EYE CONTACT:** Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.**SKIN CONTACT:** Wash with soap and water. If irritation persists, obtain medical attention.**INGESTION:** Contact physician or poison control center immediately. Give affected person 1 to 2 glasses of water and induce vomiting. Never give anything to an unconscious person.**INHALATION:** Remove person to fresh air.**SECTION 5 – Fire Fighting Measures****FLASH POINT (°F):** N/A **METHOD:** Closed Cup**FLAMMABLE LIMITS IN AIR (VOLUME %):** **UPPER:** N/D **LOWER:** N/D**EXTINGUISHING MEDIA:** Water spray, foam, carbon dioxide, dry chemical.**SPECIAL FIRE FIGHTING PROCEDURES:** Firefighters should be equipped with full protective gear including self-contained breathing apparatus.**UNUSUAL FIRE AND EXPLOSION HAZARD:** None**SECTION 6 – Accidental Release Measures****STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Contain spill and ventilate area. Scoop up spilled material for reuse.**SECTION 7 – Handling and Storage****PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Store in a cool, dry place. Keep container tightly closed when not in use. Keep out of reach of children.**SECTION 8 – Exposure Controls/Personal Protection****VENTILATION: Local:** Recommended. **Mechanical:** Not required.**PERSONAL PROTECTIVE EQUIPMENT:****EYE PROTECTION:** None required with short usage, otherwise safety glasses or chemical goggles.**GLOVES:** None required with short usage, otherwise chemical resistant.**OTHER PROTECTIVE EQUIPMENT:** None.**RESPIRATORY PROTECTION:** Use with adequate ventilation.**SECTION 9 – Physical and Chemical Properties****BOILING POINT (°F):** N/A **SPECIFIC GRAVITY (Water=1):** N/D**VAPOR PRESSURE (mmHg):** N/A **VOC CONTENT (% by weight):** N/D**VAPOR DENSITY (AIR=1):** N/A **EVAPORATION RATE (Water=1):** N/A**SOLUBILITY IN WATER:** Soluble **pH:** N/A **DENSITY (lbs/ft³):** 60**APPEARANCE AND ODOR:** Green colored granules; no odor.**SECTION 10 – Stability and Reactivity****STABILITY:** Stable.**INCOMPATIBILITY:** Strong acids.**CONDITIONS TO AVOID:** None.**HAZARDOUS POLYMERIZATION:** Will not occur.**HAZARDOUS DECOMPOSITION PRODUCTS:** None.**SECTION 11 – Toxicological Information****LD₅₀:** N/D **LC₅₀:** N/D Please refer to Section 3 for available information on potential health effects.**SECTION 12 – Ecological Information**

No specific data is available for this product.

SECTION 13 – Disposal Consideration

Consult local environmental authorities.

SECTION 14 – Transport Information**D.O.T PROPER SHIPPING NAME:** None.**DOT CLASS:** None.**DOT ID NUMBER:** None.**DOT PACKING GROUP:** None.

The shipping information listed above applies only to non-bulk (< 119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging, product properties, and mode of shipment. If any alteration of packaging, product, or mode of transportation is further intended, different shipping names and labeling may apply.

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SECTION 15 – Regulatory Information

See Section 2.

SECTION 16 – Other Information**HAZARDS RATINGS**

	NFPA	KEY
HEALTH	1	4 = Severe
FLAMMABILITY	0	3 = Serious
REACTIVITY	0	2 = Moderate
OTHER	None	1 = Slight 0 = Minimal

MSDS LEGEND:

ACGIH = American Conference of Governmental Industrial Hygienists

CAS = Chemical Abstract Service

C= Ceiling level

N/A = Not Applicable

N/D = Not Determined

N/E = Not Established

NFPA = National Fire Protection Association

OSHA = Occupational Safety and Health Administration

PEL = Permissible Exposure Limit (OSHA)

STEL = Short Term Exposure Limit (15 minute exposure)

TLV = Threshold Limit Value (ACGIH)

TWA = Time Weighted Average (8 hour exposure)

302= CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)

355= SARA TITLE III / List of Extremely Hazardous Substances for Emergency planning and Notification (40 CFR 355)

372= SARA TITLE III / List of Toxic Chemicals Subject to Release Reporting (Community Right to Know) (40 CFR 372)

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