

CROMARTIE AG. CHEMICALS, INC.: Material Safety Data Sheet

TOM IRWIN BASE-CAL

MSDS No. 00352

Date of Preparation: Jan. 2010

Revision: 0

Section 1 - Chemical Product and Company Identification

Product Base-Cal Flowable Hi Cal Limestone
Chemical Name: Liquid Suspension Concentrate of Calcium and magnesium
Chemical Formula: NA
CAS Number: NA
General Use: Plant Nutrients
Manufacturer: CROMARTIE AG. CHEMICALS ,INC. 1319 US 82 WEST ALBANY, GA.31708 (229)-888-0017

Section 2 - Typical Composition

Ingredients:	Percent	CAS Number
A proprietary blend of Calcium and Magnesium Carbonate in a suspended solution.	Derived from Calcium and	
Magnesium Carbonate which is not a NTP/IARC carcinogen.		>99

Section 3 - Physical and Chemical Properties

Physical State: Flowable Liquid
Appearance and Odor: Flat white, slight odor
Vapor Pressure: @1500c= 12mm Hg
Vapor Density (Air=1): NA
Specific Gravity (H₂O=1): 1.266 - 1.276
Water Solubility: Miscible with Water
Boiling Point: 202 F
Freezing Point: Below 32 F
% Volatile: <1%

Section 4 - Fire-Fighting Measures

Flash Point: NA
Flash Point Method: NA
LEL: NA
UEL: NA
Flammability Classification: NA
Extinguishing Media: Use extinguishing media appropriate for surrounding materials.
Unusual Fire or Explosion Hazards: None
Hazardous Decomposition Products:
Fire-Fighting Instructions: Do not release contaminated runoff from fire control methods to sewers or waterways.
Fire-Fighting Equipment: Because fire may produce hazardous decomposition products, wear a self-contained breathing apparatus (SCBA) with a full facepiece operated in positive-pressure mode.

Section 5 - Stability and Reactivity

Stability: Stable under normal storage and handling conditions.
Polymerization: Hazardous polymerization will not occur.
Chemical Incompatibilities: NA
Conditions to Avoid: Evaporation to dryness.

Section 6 - Health Hazard Information

Potential Health Effects

Primary Entry Routes: Inhalation (of mist), Ingestion, Eye Contact, Skin Contact (irritation)
Acute Effects:
Inhalation: May cause irritation of respiratory tract.
Eye: Contact may cause irritation.
Skin: Contact may cause irritation.

Ingestion: Ingestion may cause irritation of the gastrointestinal tract, cramps, vomiting, or diarrhea.
Carcinogenicity: IARC, NTP, and OSHA do not list this product as a carcinogen.
Medical Conditions Aggravated by Long-Term Exposure: Existing skin may be aggravated by exposure.
Chronic Effects: Chronic ingestion may cause damage to heart, liver, and blood-forming tissues. Ingestion of large quantities may cause headache, mental impairment, dizziness, and may be fatal.

Emergency and First Aid Procedures

Inhalation: Remove from areas of mist exposure, if irritation persists, seek medical attention.
Eye Contact: Wash eyes immediately and thoroughly (15 minutes) with eyewash, seek medical attention.
Skin Contact: Wash skin promptly to remove material. If irritation persists, seek medical attention.
Ingestion: Drink milk or large amounts of water and get medical attention. If prompt medical attention is not available, call your local Poison Control Center.

Section 7 - Spill, Leak, and Disposal Procedures

Spill/Leak Procedures:

Small Spills: Absorb with sand or other inert material and dispose of in accordance with applicable regulations.

Large Spills

Containment: For large spills, dike far ahead of liquid spill for later disposal. Do not release into sewers or waterways.

Cleanup: Contained materials may be salvaged for use, if uncontaminated.

Regulatory Requirements: Follow applicable OSHA regulations for cleanup personnel and EPA requirements for disposal.

Disposal: Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable Federal, state, and local regulations if material is not salvageable for use.

Disposal Regulatory Requirements: Follow applicable Federal, state, and local regulations.

Container Cleaning and Disposal: Triple rinse and use rinseate in product tank. Dispose of container per applicable regulations.

Ecological Information: NA

EPA Regulations:

None Listed

OSHA Regulations:

Handle in safe manner.

Section 8 - Exposure Controls / Personal Protection

Engineering Controls:

Ventilation: Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs.

Administrative Controls:

Respiratory Protection: Respiratory protection may be needed if airborne mists are created. Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear a NIOSH-approved respirator. Select respirator based on its suitability to provide adequate worker protection for given working conditions, level of airborne contamination, and presence of sufficient oxygen. *Warning! Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.* If respirators are required, OSHA requires a written respiratory protection program that includes at least: medical certification, training, fit-testing, periodic environmental monitoring, maintenance, inspection, cleaning, and convenient, sanitary storage areas.

Protective Clothing/Equipment: Wear chemically protective gloves to prevent prolonged or repeated skin contact. Wear

protective eyeglasses or chemical safety goggles, per OSHA eye- and face-protection regulations (29 CFR 1910.133).
Safety Stations: Make emergency eyewash stations, emergency showers, and washing facilities available in work area.
Contaminated Equipment: Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your personal protective equipment.
Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

Section 9 - Special Precautions and Comments

Handling Precautions: Use in accordance with labeling instructions. Keep away from children, pets, domestic animals, and wildlife.

Storage Requirements: Store in properly labeled containers.

DOT Transportation Data (49 CFR 172.101):
Not Regulated as a DOT Hazardous Material (4/98)

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