



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

NOTE THIS IS NOT BY DEFINITION A MATERIAL SAFETY DATA SHEET SINCE NONE IS REQUIRED FOR THIS PRODUCT. IT IS PROVIDED FOR EMPLOYEE INFORMATION ONLY.

Chemical Product

Calcium Nitrate, 15-0-0
CalciNit
Common Name: Calcium Nitrate
Chemical Description: Mixture.
TSCA/CAS No.: None assigned

Manufactured By

Centennial Ag Supply
P. O. Box 557
Kersey, CO 80644
(800)-678-2567

Emergency Phone Numbers

For Chemical Emergency, Spill, Leak, Fire, Exposure or Accident, call INFOTRAC
(24-Hour Emergency Number): (800) 535-5053
EPA National Response Center: (800) 424-8802

SECTION 2. HAZARDOUS INGREDIENTS

CHEMICAL	CAS NO.	%	TLV OR PEL	RQ (lbs)
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Contains no hazardous materials

OTHER INFORMATION

Contains: Hydrated Ammonium Calcium Nitrate Double Salt (CAS# 15245-12-2)
Water

SECTION 3. EMERGENCY/HAZARDS OVERVIEW

Physical State: Liquid. (Clear.)
Emergency overview: Caution! MAY BE HARMFUL IF SWALLOWED.
Do not ingest. Wash thoroughly after handling.

Potential acute health effects

Eyes: Slightly irritating to the eyes.
Skin: Slightly irritating to the skin.
Inhalation: Slightly irritating to the respiratory system.
Ingestion: Harmful if swallowed.

HEALTH: 0 REACTIVITY: 0 FLAMMABILITY: 0 ENVIRONMENT: 0
(0= Insignificant 1= Slight 2= Moderate 3= High 4= Extreme)

SECTION 4. FIRST AID

Eye contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.
Skin contact: Wash with soap and water. Get medical attention if irritation develops.
Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms appear.
Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth an unconscious person. Get medical attention

SECTION 5. FIRE AND EXPLOSION HAZARDS

Flammability of the product:	May be combustible at high temperature.
Products of combustion:	These products are nitrogen oxides (NO, NO ₂ ...). Some metallic oxides.
Fire fighting media and Instructions:	Use an extinguishing agent suitable for surrounding fires.
Special protective equipment for fire-fighters:	Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face piece operated in positive pressure mode.
Hazardous thermal Decomposition products:	These products are nitrogen oxides (NO, NO ₂ ...).

SECTION 6. SPILLS AND LEAKS

Personal precautions:	Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment (Section 8).
Environmental precautions:	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
Methods for cleaning up:	If emergency personnel are unavailable, contain spilled material. For small spills add absorbent (soil may be used in the absence of other suitable materials) scoop up material and place in a sealed, liquid-proof container for disposal. For large spills dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

SECTION 7. STORAGE AND HANDLING

Handling:	Avoid prolonged or repeated contact with skin.
Storage:	Keep container tightly closed. Keep container in a cool, well-ventilated area.

SECTION 8. EXPOSURE CONTROLS, PERSONAL PROTECTIVE EQUIPMENT

Engineering controls:	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Ensure that eyewash stations and safety showers are proximal to the work-station location.
Personal protection	
Eyes:	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.
Skin:	Personal protective equipment for the body should be selected based on the task being performed and the risks involved.
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.
Hands:	Chemical-resistant, impervious gloves or gauntlets complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

SECTION 9. PHYSICAL AND CHEMICAL DATA

Physical state:	Liquid. (Clear).
Color:	Colorless.
Odor:	Odorless.
pH:	5 to 5.4 [Acidic]
Boiling/condensation point:	104.4°C (219.9°F)
Melting/freezing point:	0 to -5°C (32 to 23°F)
Specific gravity:	1.465 (water = 1)
Density (lbs/gal):	12.2 (20°C/68°F)

SECTION 10. STABILITY AND REACTIVITY

Stability and reactivity:	Stable under recommended storage and handling conditions (see section 7)
Incompatibility with various substances:	Reactive with combustible materials, acids, alkalis.
Hazardous thermal decomposition products:	These products are: nitrogen oxides (NO, NO ₂ ...).

SECTION 11. POTENTIAL HEALTH EFFECTS

Ingredient Name	Test	Result	Route	Species
Preparation	LD50	> 2000 mg/kg	Oral	Rat

Other toxic effects on humans: Not considered to be toxic for humans.

SECTION 12. ECOLOGICAL INFORMATION

Ingredient Name	Species	Period	Result
Preparation	Fish (LC50)	96 hour(s)	> 100 mg/l

Toxicity of the products of biodegradation:	The products of degradation are non-toxic.
Special remarks on the products of biodegradation:	The product does not show any bioaccumulation phenomena.

SECTION 13. DISPOSAL

Waste disposal: The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Consult your local or regional authorities for further details

SECTION 14. TRANSPORTATION

Not a DOT regulated material. **49 CFR 172.102 Special Provision 34** specifically removes the commercial grade calcium nitrate double salt (calcium nitrate and ammonium nitrate) from the Hazardous Materials Table 49 CFR 172.101.

SECTION 15.	REGULATORY INFORMATION
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HCS Classification:	Not regulated
U.S. Federal regulations:	TSCA 8(b) inventory: water; hydrated ammonium calcium nitrate double salt SARA 302/304/311/312 extremely hazardous substances: No products were found. SARA 302/304 emergency planning and notification: No products were found. SARA 302/304/311/312 hazardous chemicals: No products were found. SARA 311/312 MSDS distribution – chemical inventory – hazard identification: No products were found. Clean Water Act (CWA) 307: No products were found. Clean Water Act (CWA) 311: No products were found. Clean air act (CAA) 112 accidental release prevention: No products were found Clean air act (CAA) 112 regulated flammable substances: No products were found Clean air act (CAA) 112 regulated toxic substances: No products were found.
State regulations:	No products were found

SECTION 16.	OTHER
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All information contained in this Material Safety Data Sheet is furnished free of charge and is intended for your evaluation. In our opinion the information is, as of the date of this Material Safety Data Sheet, reliable; however, it is your responsibility to determine the suitability of the information for your use. You are advised not to construe the information as absolutely complete since additional information may be necessary or desirable when particular, exceptional or variable conditions or circumstances exist or because of applicable laws or government regulations. Therefore, you should use this information only as a supplement to other information gathered by you, and you must make independent determinations of the suitability and completeness of the information from all sources to assure both proper use of the material described herein and the safety and health of employees. Accordingly, no guarantee is expressed or implied as to the results to be obtained based upon your use of the information.