



GENESIS NUTRI-CHEM CALCIUM MATERIAL SAFETY DATA SHEET



GENESIS AGRI PRODUCTS
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1. GENERAL INFORMATION

PRODUCT NAME/TRADE NAME:
Genesis NUTRI-CHEM CALCIUM

CHEMICAL NAME/COMMON NAME:
Calcium nitrate/Calcium nitrate

2. HAZARDOUS INGREDIENTS

Calcium Nitrate 50%

OSHA PEL
NE

ACGIH TLV
NE

3. PHYSICAL DATA

SPECIFIC GRAVITY (H₂O = 1):

NE

VAPOR DENSITY (AIR = 1):

NA

ODOR:

Odorless

APPEARANCE:

Tan liquid

FLASH POINT/METHOD:

NA

VAPOR PRESSURE (mmHg):

NA

SOLUBILITY IN H₂O:

Soluble

MELTING POINT:

NA

% VOLATILES BY VOL:

NA

4. FIRE AND EXPLOSION HAZARD

EXTINGUISHING MEDIA:

Water fog, CO₂, and Dry chemical.

FIRE FIGHTING PRECAUTIONS AND

HAZARDS:

Fight fire up wind. Wear positive pressure self-contained breathing apparatus and full protective equipment. Avoid breathing smoke or mist. Avoid fallout and runoff. Dike to prevent entering drains,

sewers, or water courses. Evacuate people downwind from fire.

5. CARCINOGEN STATUS

NO LISTING

6. REACTIVITY

STABLE
HAZARDOUS POLYMERIZATION:
Will not occur.

AVOID:
Aluminum, steel, copper or flammable organics
HAZARDOUS DECOMPOSITION PRODUCTS:
CO_x, NO_x, ZnO, NH₃, H

7. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE OF SPILL:
Wear appropriate personal protective equipment.
Absorb with inert material and a vacuum or sweep into disposal container.
DECONTAMINATION:
Treat area with detergent and water and absorb with inert material and place in disposal container. Repeat procedure as necessary until area is clean.

ENVIRONMENTAL HAZARDS:
Dike to prevent entering drains, sewers, or water courses.
DISPOSAL:
Dispose of in accordance with federal, state and local regulations.

8. HEALTH PRECAUTION DATA

INGESTION:
Do not ingest. Wash thoroughly before eating, drinking or smoking.
INHALATION:
No PEL/TLV established for this product. Do not breathe spray mist.
SKIN ABSORPTION:
Avoid contact with skin. Wear proper personal protective equipment to reduce skin exposure.
EYE EXPOSURE:
Keep out of eyes. Can cause eye irritation. Wear proper eye protection. If exposed, flush eyes a minimum of 15 minutes with water.
EFFECTS OF OVER EXPOSURE:

Can cause skin and eye irritation. Ingestion can cause violent vomiting and diarrhea. No known chronic effects. Pre-existing medical conditions involving above symptoms may be aggravated by exposure.
FIRST AID:
In all cases, get prompt medical attention. If ingested, give several glasses of water and induce vomiting. Do not induce vomiting if person is unconscious. For skin exposure, remove contaminated clothing and wash with soap and water. For eye exposure, irrigate eyes a minimum of 15 minutes with water. If inhaled remove victim to fresh air and administer CPR if necessary.

9. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:
Recommend use of NIOSH/MSHA - approved respirator for organic vapors for the exposure encountered. Positive pressure self-contained breathing apparatus should be used for confined space entry and high exposure operations.

PERSONAL PROTECTIVE EQUIPMENT:
Neoprene or nitrile gloves, long-sleeved coveralls and chemical goggles.
VENTILATION:
General.

10. SPECIAL PRECAUTIONS

Keep out of reach of children. Read and follow all label instructions. Do not store in steel or aluminum tanks.

11. REGULATORY DATA

SARA HAZARD CLASS:

None

SARA 313:

Yes. Chemical: Zinc compounds

SARA 302:

No

CERCLA:

No

RCRA:

No

NFPA HAZARD RATING:

Health: [1]

Fire: [1]

Reactivity: [0]

Special: []

HMIS CODES:

Health: [1]

Fire: [1]

Reactivity: [0]

NFPA HAZARD SCALE:

0 = Minimal 3 = Serious

1 = Slight 4 = Severe

2 = Moderate

HMIS HAZARD RATING SCALE:

0 = Minimal 3 = Serious

1 = Slight 4 = Severe

2 = Moderate

Date Prepared: June 15, 2000

NOTE: The information herein is given in good faith, but no warranty, express or implied, is needed.