



MATERIAL SAFETY DATA SHEET

27-0-0

Calcium Ammonium Nitrate

I. NAME

PRODUCT/TRADE NAME: PERFECTION 27-0-0 CALCIUM AMMONIUM NITRATE
EPA REGISTRATION #: NONE
CHEMICAL NAME/COMMON NAME:
Ammonium Nitrate/Ammonium Nitrate
Calcium Magnesium Carbonate/Dolomite

II. HAZARDOUS INGREDIENTS

	CAS#	OSHA PEL	ACGIH TLV
Ammonium Nitrate	6484-52-2	NE	NE
Dolomite	16389-88-1	NE	NE

III. PHYSICAL DATA

SPECIFIC GRAVITY (H₂O = 1): NA
MELTING POINT: NE
VAPOR DENSITY (AIR = 1): NA
% VOLATILES BY VOL.: NA
ODOR: Odorless
APPEARANCE: White Prills
FLASH POINT/METHOD: NA
VAPOR PRESSURE (mmHg): NA
SOLUBILITY IN H₂O: Soluble

IV. FIRE & EXPLOSION HAZARD

EXTINGUISHING MEDIA: ☒ Water Fog ☐ Foam ☐ Alcohol Foam
☐ CO₂ ☐ Dry Chemical ☐ Other

FIRE FIGHTING PRECAUTIONS & HAZARDS:

Fight fire upwind. 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.

V. CARCINOGEN STATUS

☐ OSHA ☐ NTP ☐ IARC ☒ No Listing Type

VI. REACTIVITY

☒ Stable HAZARDOUS POLYMERIZATION
☐ Unstable ☐ May Occur ☒ Will Not Occur
AVOID: Bases oxidizers, potassium chlorate, potassium nitrate, chlorine, hypochlorates
HAZARDOUS DECOMPOSITION PRODUCTS: CO_x, NO_x, NH₃, PO_x

VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE OF SPILL: Vacuum or sweep up and place into disposal container.
DECONTAMINATION: Treat spill area with detergent and water. Repeat as necessary until area is clean.
ENVIRONMENTAL HAZARDS: May be toxic to aquatic organisms. Dike to prevent entering drains, sewers or water courses.
DISPOSAL: Dispose of in accordance with Federal, State and local regulations.

VIII. HEALTH PRECAUTION DATA

INGESTION: Do not ingest. Wash thoroughly before eating, drinking or smoking.
INHALATION: No PEL/TLV established for this product. May be irritating to the respiratory tract. Wear proper respiratory protection for exposures above the nuisance particulate levels of PEL/TLV 15 mg/m³ total dust 5 mg/m³ respirable dust.
SKIN ABSORPTION: Can cause skin irritation. Wear proper personal protective equipment to reduce skin exposure.
EYE EXPOSURE: May cause eye irritation. Wear proper eye protection. If exposed, flush eyes for a minimum of 15 minutes with water.
EFFECTS OF OVEREXPOSURE: Can cause respiratory tract and eye irritation. Ingestion could cause corrosive deterioration of digestive system tissue and ingestion of large amounts may result in vomiting and diarrhea and excessive fluid loss. No known chronic effects. Preexisting medical conditions involving the 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 contact, irrigate for a minimum of 15 minutes with water. If inhaled, remove victim to fresh air, and administer CPR if necessary.

IX. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Wear only NIOSH/MSHA - approved respiratory protection for nuisance particulates up to 10 times the PEL/TLV. Positive pressure self-contained breathing apparatus should be used for confined space entry and high exposure operations.

PERSONAL PROTECTIVE EQUIPMENT: Work gloves, safety goggles or glasses with side shields and brow protection.

VENTILATION: General ventilation to control nuisance dust.

X. SPECIAL PRECAUTIONS

Keep out of the reach of children. Read and follow all label instructions. May be corrosive to copper, brass, steel, aluminum and concrete.

XI. REGULATORY DATA

SARA HAZARD CLASS: ☒ Acute ☐ Chronic ☐ Flammable
☐ Pressure ☐ Reactive ☐ None

SARA 313: ☐ Yes ☒ No Chemical:

SARA 302: ☐ Yes ☒ No Chemical:

TPQ:

CERCLA: ☐ Yes ☒ No Chemical:

RQ:

RCRA: ☐ Yes ☒ No

NFPA HAZARD RATING:

Health: [1]
Fire: [1]
Reactivity: [0]
Special: []

NFPA HAZARD RATING SCALE:

0 = Minimal 3 = Serious
1 = Slight 4 = Severe
2 = Moderate

HMIS CODES:

Health: [1]
Fire: [1]
Reactivity: [0]

HMIS HAZARD RATING SCALE:

0 = Minimal 3 = Serious
1 = Slight 4 = Severe
2 = Moderate

DATE PREPARED: July 24, 2012

REVISED DATE:

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*Technical Material NE - Not Established NA - Not Applicable

24 Hour Emergency Phone Number
CHEMTREC: (800) 424-9300



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