



SAFETY DATA SHEET

SDS

I – PRODUCT IDENTIFICATION

TRADE NAME (as labeled) **MENDOCINO N-CAL-MAG**

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II – HAZARD IDENTIFICATION

EMERGENCY OVERVIEW

APPEARANCE – Dark liquid

ODOR - Slight odor

POTENTIAL HEALTH EFFECTS

EYES - May cause redness and slight irritation.

SKIN - Repeated contact may cause slight irritation.

SWALLOWED - Possible abdominal pain, diarrhea, diuresis, and nausea.

OSHA/GHS STATUS – Not considered hazardous by the OSHA Hazard Communication Standard

SIGNAL WORD – NO SIGNAL WORD

PRECAUTIONARY STATEMENTS –

P102 – KEEP OUT OF REACH OF CHILDREN

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P302 + P340 + P312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305 + P351 + P310 IF IN EYES: Rinse with water for 15 minutes. Remove contact lenses. Hold eye lids apart while flushing.

P332 + P313 If skin irritation occurs: Get medical attention.

P362 Take off contaminated clothing and wash before reuse.

P410 PROTECT FROM SUNLIGHT.

III – COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS No.	%
Nitric Acid	7697-37-2	Trade secret
Calcium Nitrate	10124-37-5	Trade secret
Magnesium Oxide	1309-48-4	Trade secret

IV – FIRST AID MEASURES

Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. No specific treatment.

EYE CONTACT – Wash thoroughly with water for at least 15 minutes. Remove contact lenses. Hold eyelids apart during flushing. Send patient immediately to physician.

SKIN CONTACT – Remove contaminated clothing and shoes, wash contaminated area with water and soap. Send patient immediately to physician.

INHALED – Remove from exposure to fresh air. Send patient immediately to physician.

SWALLOWED – Rinse mouth. Drink 2-3 glasses of water and seek medical assistance. Do not induce vomiting or give anything by mouth to an unconscious person. Send patient immediately to physician.

V – FIRE-FIGHTING MEASURES

SPECIAL FIREFIGHTING PROCEDURE – Must wear MSHA/NIOSH approved self-contained breathing Apparatus. Use abundant amount of water in early stage of fire. Cool down the

UNUSUAL FIRE & EXPLOSION HAZARD – Product of combustion are toxic. Explosive mixtures form air.

FLAMMABLE PROPERTIES – Non-flammable

SUITABLE EXTINGUISH MEDIA – Water

EXPLOSION POTENTIAL – Non-explosive

VI – ACCIDENTAL RELEASE MEASURES

SPILL RESPONSE PROCEDURE – Wear appropriate protective equipment and clothing during clean up. Contain the discharged material and dike the spilled material where possible. Prevent entry into sewers, drains, underground or confined spaces, water intakes and waterways.

CLEAN UP PROCEDURE – Cover and absorb spilled material with dry soil, sand or other non-combustible material and shovel material into appropriate container for disposal. Keep unnecessary personnel out of the area.

VII – HANDLING AND STORAGE

To maintain product quality, do not store in heat, direct sunlight or cold. Store in cool and dry location. Use good housekeeping practices such as washing hands with soap after handling. Keep container tightly closed. Keep out of reach of children and pets. Do not reuse empty containers.

VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION & ENGINEERING CONTROLS – Local exhaust.

RESPIRATORY PROTECTION – MSHA/NIOSH approved respirator is advised where dust is generated

EYE PROTECTION – Safety glasses or goggles where there is a potential eye contact.

SKIN PROTECTION – Wear protective work gown, rubber or plastic gloves to prevent irritation.

IX – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE – Dark liquid

ODOR – Slight odor

BOILING POINT & MELTING POINT OR RANGE °F – N/A

FLAMMABILITY – Non-flammable

EXPLOSIVE PROPERTIES – Non-explosive

pH – 1.5 – 2

SPECIFIC GRAVITY – 10.05 lbs./gal.

X – STABILITY AND REACTIVITY

STABILITY – Stable under normal conditions of use

CONDITIONS TO AVOID – High temperatures

INCOMPATIBILITY – Sulfates

HAZARDOUS DECOMPOSITION PRODUCTS – None known

HAZARDOUS POLYMERIZATION – Will not occur

XI – TOXICOLOGICAL INFORMATION

ACUTE TOXICITY – Health issues not expected if used as directed.

SKIN – Repeated contact may cause slight skin irritation. Won't be absorb through skin.

EYE – Repeated contact may cause redness and slight irritation.

INHALED – Vapors can cause irritation of mucus membrane.

SWALLOWED – Possible abdominal pain and nausea.

SENSITIZATION – None

CHRONIC TOXICITY – None known

XII – ECOLOGICAL INFORMATION

PERSISTENCE AND DEGRADABILITY – Inherently biodegradable, non-persistence.

AQUATIC TOXICITY – May be beneficial to plant life. Do not use directly in lakes, ponds, rivers, and ocean. The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

XIII – DISPOSAL CONSIDERATIONS

Dispose of within current local and state regulations. No special method required. Do not reuse empty containers. Once empty, put in recycling if available, or put in trash.

XIV – TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION – Not regulated by DOT

XV – REGULATORY INFORMATION

TSCA STATUS – Not determined

OSHA STATUS – Not listed as hazardous

CERCLA – None

SARA TITLE III, Section 313 Toxic Chemicals – None

CALIFORNIA PROPOSITION 65 – Not listed

XVI – OTHER INFORMATION

HAZARDOUS MATERIAL INFORMATION SYSTEM (USA)

NFPA

Health	1
Flammability	0
Reactivity	0
Physical hazards	0

Hazard Rating: 0=Least; 1-Slight; 2=Moderate; 3=High; 4=Severe

Disclaimer

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