



MSDS - Nutralime Gr (Dolomitic)

Issued September 3, 2008

Section 1. Product Information

Product Name: Nutralime Granular

Chemical Family: Alkaline Earth Hydroxide

Chemical Formula: Complex Mixture: $\text{CaMg}(\text{OH})_4$ and $\text{Ca}(\text{OH})_2\text{MgO}$

Molecular Weight: $\text{CaMg}(\text{OH})_4 = 132.41$, $\text{Ca}(\text{OH})_2\text{MgO} = 114.40$

Material Use: Used in the agricultural, lawn and garden industries.

Distributed by Pestell Minerals & Ingredients, New Hamburg, ON Canada

24 Hour Emergency Telephone (Canutec): 613-996-6666

Section 2. Hazardous Ingredients

Components	Typical Wt. %	Exposure Limits	
		OSHA PEL	ACGIH TLV
N/A	N/A	N/A	N/A

Limestone (CaCO_3 , MgCO_3) is not listed on the NTP, IARC, OSHA lists of carcinogens, but crystalline silica, a component of this product, is listed. IARC has determined that there is sufficient evidence of carcinogenicity to experimental animals exposed to crystalline silica and limited evidence for carcinogenicity to humans. "Limited evidence" means that a casual relationship is possible, however, other explanations such as chance, bias or confounding factors cannot adequately be excluded.

Section 3. Physical and Chemical Properties

Physical State: Solid

Odor and Appearance: Brown granule. Slightly earthy odor

Odor Threshold: Not applicable

Specific Gravity: 2.7 - 2.9

Vapor Pressure: Not applicable

Vapor Density: Not applicable

Evaporation Rate: Not applicable

Boiling Point: 1700°F

Freezing Point: Not available

Solubility in Water (20°C): Medium

Volatiles (% by volume): Not applicable

Section 4. Fire and Explosion Hazard

Product is non flammable

Extinguishing Media: N/A

Special Fire Fighting Procedures: Not applicable

Flash Point and Method: Not applicable

Upper/Lower Flammable Limit: Not applicable

Auto Ignition Temperature: Not applicable

TDG Flammability Classification: Non-flammable

Hazardous Combustion Products: None

Dangerous Combustion Products: None

Section 5. Reactivity Data

Product is stable

Section 6. Toxicological Information

Routes of Entry: Skin, eye, acute inhalation, ingestion

Effects of Acute Exposure to Product

Skin: May cause irritation

Eyes: May cause irritation

Inhalation: If inhaled in form of dust, irritation of breathing passages, cough and sneezing

Ingestion: Large doses may cause GI discomfort

Section 7. Preventive Measures

Protective Gloves: Optional

Respiratory: Use NIOSH approved filtering anti-dust mask, use local exhaust ventilation if needed.

Eyes: Tight fitting goggles with side shields. Do not wear contact lenses when handling this chemical.

Other: Evaluate degree of exposure and use PPE if necessary. After handling lime, employees must shower. If exposed daily, use oil, Vaseline, silicone based cream, etc. to protect exposed skin, particularly neck, face and wrists.

Leak and Spill Procedures: Sweep up and remove

Waste Disposal: Scatter on agricultural or turf acreage in accordance with Federal, Provincial or local regulations.

Handling Procedures and Equipment: Avoid skin and eye contact. Minimize dust generation. Wear protective goggles and in case of insufficient ventilation, use anti-dust mask. An eye wash station and safety shower should be readily available where this material or its water dispersions are used. Contact lenses should not be worn when working with this chemical.

Storage Requirements: Keep product dry

Section 8. First Aid Measures

Skin: Flush skin with water

Eyes: Irrigate eyes with water

Inhalation: Remove to fresh air

Ingestion: Consult a physician

Toxic Substances Control Act (TSCA)

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[Return to previous page](#)