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MATERIAL SAFETY DATA SHEET

EFFECTIVE DATE: 1-1-90

I. IDENTIFICATION

Chemical Name: Dolomitic Limestone

Chemical Formula: N/A

Trade Name: Crushed Stone[Composition varies naturally-typically contains quartz(crystalline silica)]

Synonyms: Aggregate, Agstone, Aglime, Barnlime, Garden & Lawn Lime,
Base Course, Grit, Chips, Screenings, Stone

II. PHYSICAL DATA

Appearance & Odor: Angular tan particles ranging in size from powder to boulders. No odor.

Specific Gravity: 2.6-2.75 Boiling Point: N/A Vapor Density: N/A

Vapor Pressure: N/A

% Volatile By Volume: 0%

Evaporation Rate: 0%

Evaporation Rate: 0

Solubility in Water: 0

III. REACTIVITY DATA

Stability: Stable

Conditions to Avoid: None known

Incompatibility (Materials to avoid): None known

Hazardous Decomposition Products: Silica-containing dust particles may be generated by handling.

Hazardous Polymerization: Not known to polymerize.

IV. FIRE & EXPLOSION HAZARD DATA

Flashpoint: Not flammable

Extinguishing Agents: None required

Unusual Fire & Explosion Hazards: None known

V. TOXICITY & FIRST AID

Exposure Limits: (When exposure to this product and other chemicals is concurrent, the exposure limit must be defined in the workplace.)

Unless specified otherwise, limits are expressed in milligrams of substance per cubic meter of air (mg/M³), 8 hour time weighted averages (TWA.) Respirable crystalline silica(quartz): ACGIH TLV & OS HA PEL, and MSHA proposed PEL = 0.1. Respirable dust: MSHA = 10 - (% respirable quartz + 2). Total dust: MSHA = 30 - (% quartz + 3). Limestone(calcium & magnesium carbonate): ACGIH TLV & MSHA = 10 (total dust); OSHA PEL = 5 (respirable dust), 15 (total dust).

Effects described in this section are believed not to occur if exposures are maintained at or below appropriate TLVs. Because of the wide variation in individual susceptibility, these exposure limits may not be applicable to all persons and those with medical conditions listed below.

Medical Conditions Aggravated By Exposure:

Inhaling respirable dust and/or crystalline silica may aggravate existing respiratory disease(s) and/or dysfunction. Exposure to dust may aggravate existing skin and/or eye conditions.

Primary Route Of Exposure: Inhalation

Acute Toxicity: Exposure to dust may irritate respiratory system, eyes and skin.

First Aid:

DUST IN EYES: Flush eyes with running water for 15 minutes. Contact a physician if irritation persists or later develops.

DUST ON PREVIOUSLY IRRITATED SKIN: Wash with soap and water. Contact a physician if irritation is aggravated.

DUST INHALATION: Remove to fresh air. Dust in throat and nasal passages should clear spontaneously. Contact a physician if irritation persists or later develops.

Chronic Toxicity:

Chronic exposure to respirable limestone dust in excess of appropriate exposure limits has caused pneumoconiosis (lung disease).

Chronic exposure to respirable quartz-containing limestone dust in excess of appropriate exposure limits has caused silicosis, a progressive pneumoconiosis. Chronic tobacco smoking may further increase the risk of developing lung problems.

Symptoms of Silicosis: Not all individuals with silicosis will exhibit symptoms (signs) of the disease. However, silicosis is progressive, and symptoms can appear at any time, even years after exposures have ceased. Symptoms of silicosis may include (but not limited to): Shortness of breath; difficulty in breathing with or without exposure; coughing; diminished work capacity; diminished chest expansion; reduction of lung volume; right heart enlargement and/or failure. Persons with silicosis have an increased risk of pulmonary tuberculosis infection.

Limestone is not listed on the NTP, IARC or OSHA lists of carcinogens. Crystalline silica, a component of this product, is listed by IARC but not by NTP or OSHA. IARC has determined that there is sufficient evidence for carcinogenicity to experimental animals exposed to crystalline silica and limited evidence for carcinogenicity to humans. "Limited evidence" means that a causal relationship is possible; however, other explanations such as chance, bias or confounding factors cannot adequately be excluded. NTP has proposed (1989) to list crystalline silica based on the IARC determination.

VI. PERSONAL PROTECTION & CONTROLS

Respiratory Protection

NIOSH-MSHA approved dust respirators for conditions where dust levels exceed or are likely to exceed appropriate exposure limits. Respirator use must comply with applicable MSHA or OSHA standards, which include provisions for a user training program, respirator repair and cleaning, respirator fit testing, and other requirements.

Ventilation:

Local exhaust or general ventilation adequate to maintain exposures below appropriate exposure limits.

Skin Protection:

See "Hygiene section below.

Eye Protection:

Safety glasses with side shields should be worn as minimum protection. Dust goggles should be worn when excessively (visible) dusty conditions are present or anticipated.

Hygiene:

Wash dust-exposed skin with soap and water.

Other Control Measures:

Respirable dust and quartz levels should be monitored regularly. Dust and quartz levels in excess of appropriate exposure limits should be reduced by all feasible engineering controls, including (but not limited to) wet suppression, ventilation, process enclosure, and enclosed employee work stations.

VII. STORAGE & HANDLING PRECAUTIONS

Respirable dust may be generated during processing, handling and storage. The controls identified in Section VI of the MSDS should be applied as appropriate.

VIII. SPILL, LEAK & DISPOSAL PRACTICES

Steps To Be Taken In Case Material Is Released Or Spilled:

The controls identified in Section VI of the MSDS should be applied as appropriate. Spilled materials, where dust can be generated, may overexpose cleanup personnel to respirable dust. Wetting of spilled material and/or use of respiratory protective equipment may be necessary. Avoid dry sweeping.

None of the components in this product are subject to the reporting requirements of Title III of SARA, 1986 and 40 CFR 372.

Waste Disposal Method:

Pickup and reuse clean materials. Dispose of waste materials only in accordance with applicable federal, state and local laws and regulations.

IX. TRANSPORTATION

DOT Hazard Classification: None

Placard Required: None

NOTICE: Mayville Limestone Inc. believes that the information contained in this Material Safety Data Sheet is accurate. The suggested procedures are based on experience as of the date of publication. They are not necessarily all-inclusive nor fully adequate in every circumstance. Also, the suggestions should not be confused nor followed in violation of applicable laws, regulation, rules or insurance requirements.

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