



DOLOMITIC LIMESTONE

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

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Distributed by:
Laguna Clay Company
14400 Lomitas Ave
City of Industry, CA 91746
1-800-4Laguna
info@lagunaclay.com
www.lagunaclay.com

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Product name : DOLOMITIC LIMESTONE
Product code : C-MS-AT-2011CANCCA
Other means of identification : CCA LIMESTONE, FCA LIMESTONE, MS-4, 1 Inch STONE
MARBLEMIX® - COARSE, MARBLEMIX® - PLUS, MARBLEMIX® - ULTRA
DF 1000, DF 2000, DF 3015, DF 4070, DF 5025, DF 5020, DOLOCRON® 4013,
DOLOCRON® 4512, DOLOFIL® 2055, DOLOFIL® 4085, GS 1000, GS 2000, GS 2005,
RF-2050, DF 5015, DF 5005

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Mineral Additive

1.3. Details of the supplier of the safety data sheet

Specialty Minerals Inc.
30 Daisy Hill Road
Canaan, CT 06018
U.S.A.

1.4. Emergency telephone number

Emergency number : +1-760-476-3962
3E Global Emergency Response Services. Access code: 333336 (if you mention SDS name
and company name-you don't need the access code)

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS-US classification

Carc. 1A H350 - May cause cancer (Inhalation)

Full text of H-phrases: see section 16

2.2. Label elements

GHS-US labeling

Hazard pictograms (GHS-US) :



GHS08

Signal word (GHS-US) : Danger
Hazard statements (GHS-US) : H350 - May cause cancer (Inhalation)
Precautionary statements (GHS-US) : P201 - Obtain special instructions before use
P202 - Do not handle until all safety precautions have been read and understood
P260 - Do not breathe dust
P280 - Wear protective gloves, protective clothing, eye protection, face protection
P308+P313 - If exposed or concerned: Get medical advice/attention
P405 - Store locked up

2.3. Other hazards

Other hazards not contributing to the classification : Prolonged and/or massive exposure to respirable crystalline silica-containing dust may cause silicosis, a nodular pulmonary fibrosis caused by deposition in the lungs of fine respirable particles of crystalline silica.

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

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| Name | Product identifier | % | GHS-US classification |
|---|---------------------|---------|--|
| Dolomite (CaMg(CO ₃) ₂) | (CAS No) 16389-88-1 | >= 80 | Not classified |
| Quartz (fine fraction) | (CAS No) 14808-60-7 | 0.1 - 1 | Carc. 1A, H350 STOT SE 3, H335 STOT SE 1, H370 |
| Tremolite (non-asbestos) | (CAS No) 14567-73-8 | 0.1 - 1 | Not classified |

Full text of H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
- First-aid measures after inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms develop obtain medical attention.
- First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. If symptoms develop, obtain medical attention.
- First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If symptoms develop, obtain medical attention.
- First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Give 100 - 200 ml of water to drink. If symptoms develop, obtain medical attention.

4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries after inhalation : May cause irritation to the respiratory tract.
- Symptoms/injuries after skin contact : Repeated and/or prolonged skin contact may cause irritation.
- Symptoms/injuries after eye contact : May cause eye irritation.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : None known.
- Reactivity : React in contact of. Acids.

5.3. Advice for firefighters

- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

- Protective equipment : Use personal protective equipment as required.
- Emergency procedures : Evacuate unnecessary personnel. Avoid dust formation. Avoid contact with skin, eyes and clothing. Do not breathe dust.

6.1.2. For emergency responders

- Protective equipment : Wear suitable protective clothing, gloves and eye or face protection. Where excessive dust may result, wear approved mask.
- Emergency procedures : Ensure adequate ventilation. Avoid dust formation. Avoid contact with skin and eyes. Do not breathe dust. Wear independent breathing equipment.

6.2. Environmental precautions

Notify authorities if large amounts of the product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Collect using vacuum cleaner fitted with HEPA filter. Sweep or shovel spills into appropriate container for disposal. Minimize generation of dust. Do not dry sweep dust. Store away from other materials.

6.4. Reference to other sections

SECTION 8: Exposure controls/personal protection. SECTION 13: Disposal considerations.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Provide appropriate exhaust ventilation at places where dust is formed. Avoid dust formation. Avoid contact with skin and eyes. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not breathe dust.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep container closed when not in use. Keep only in the original container in a cool well ventilated place.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| Quartz (fine fraction) (14808-60-7) | | |
|-------------------------------------|-------------------------------------|---|
| ACGIH | ACGIH TWA (mg/m ³) | 0.025 mg/m ³ Respirable Fraction |
| OSHA | OSHA PEL (TWA) (mg/m ³) | 0.1 mg/m ³ |
| OSHA | Remark (OSHA) | (3) See Table Z-3. |

8.2. Exposure controls

Appropriate engineering controls : Provide adequate ventilation, including appropriate local extraction, to ensure that occupational exposure limits are not exceeded. Provide appropriate exhaust ventilation at places where dust is formed.

Personal protective equipment : Avoid all unnecessary exposure.

Hand protection : Wear chemically resistant protective gloves.

Eye protection : Chemical goggles or safety glasses.

Skin and body protection : Use chemically protective clothing.

Respiratory protection : Dust mask or respirator.

Thermal hazard protection : Not required for normal conditions of use.

Environmental exposure controls : Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Solid

Appearance : Powder.

Color : White.

Odor : Odourless.

Odor threshold : No data available

pH : No data available

Melting point : No data available

Freezing point : No data available

Boiling point : No data available

Flash point : No data available

Relative evaporation rate (butyl acetate=1) : No data available

Flammability (solid, gas) : No data available

Explosion limits : No data available

Explosive properties : Not explosive.

Oxidizing properties : Not oxidizing.

Vapor pressure : No data available

Relative density : 2.71

Relative vapor density at 20 °C : No data available

Solubility : Water: Partially soluble

Log Pow : No data available

Auto-ignition temperature : No data available

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| | |
|---------------------------|---------------------|
| Decomposition temperature | : No data available |
| Viscosity | : No data available |
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : No data available |

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

React in contact of. Acids.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Can react violently with. acids.

10.4. Conditions to avoid

Heat.

10.5. Incompatible materials

Acids.

10.6. Hazardous decomposition products

Thermal decomposition generates : Calcium oxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|-----------------------------------|----------------------------------|
| Acute toxicity | : Not classified |
| Skin corrosion/irritation | : Not classified |
| Serious eye damage/irritation | : Not classified |
| Respiratory or skin sensitization | : Not classified |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : May cause cancer (Inhalation). |

Quartz (fine fraction) (14808-60-7)

| | |
|------------|----------------------------|
| IARC group | 1 - Carcinogenic to humans |
|------------|----------------------------|

| | |
|--|--|
| Reproductive toxicity | : Not classified |
| Specific target organ toxicity (single exposure) | : Not classified |
| Specific target organ toxicity (repeated exposure) | : Not classified |
| Aspiration hazard | : Not classified |
| Symptoms/injuries after inhalation | : May cause irritation to the respiratory tract. |
| Symptoms/injuries after skin contact | : Repeated and/or prolonged skin contact may cause irritation. |
| Symptoms/injuries after eye contact | : May cause eye irritation. |

SECTION 12: Ecological information

12.1. Toxicity

| | |
|-------------------|--|
| Ecology - general | : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment. |
|-------------------|--|

12.2. Persistence and degradability

No additional information available

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12.3. Bioaccumulative potential

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| | |
|---------------------------|---------------------|
| Bioaccumulative potential | No bioaccumulation. |
|---------------------------|---------------------|

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Effect on the global warming : No known ecological damage caused by this product.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Not regulated for transport

TDG

TDG Proper Shipping Name : Not regulated for transport

Transport by sea

Proper Shipping Name (IMDG) : Not regulated for transport

Air transport

Proper Shipping Name (IATA) : Not regulated for transport

SECTION 15: Regulatory information

15.1. US Federal regulations

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

Dolomite (CaMg(CO₃)₂) (16389-88-1)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Quartz (fine fraction) (14808-60-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Tremolite (non-asbestos) (14567-73-8)

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. International regulations

CANADA

DOLOMITIC LIMESTONE

| | |
|----------------------|--|
| WHMIS Classification | Class D Division 2 Subdivision A - Very toxic material causing other toxic effects |
|----------------------|--|

EU-Regulations

No additional information available

National regulations

DOLOMITIC LIMESTONE

Determined as "Generally Recognized As Safe" (GRAS) by FDA - see 21 CFR 184.1409
All naturally occurring components of this product are automatically included in the USEPA TSCA inventory list per 4- CFR 710.4 (b). All other components are on the USEPA TSCA inventory list

Quartz (fine fraction) (14808-60-7)

Listed on IARC (International Agency for Research on Cancer)

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15.3. US State regulations

California Proposition 65 - This product contains, or may contain, trace quantities of a substance(s) known to the state of California to cause cancer and/or reproductive toxicity

| Quartz (fine fraction) (14808-60-7) | | | | |
|---|---|---|---|-----------------------------------|
| U.S. - California - Proposition 65 - Carcinogens List | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | Non-significant risk level (NSRL) |
| Yes | No | No | No | |

| Quartz (fine fraction) (14808-60-7) | | | | |
|--|--|--|--|--|
| U.S. - New Jersey - Right to Know Hazardous Substance List | | | | |
| U.S. - Massachusetts - Right To Know List | | | | |
| U.S. - Pennsylvania - RTK (Right to Know) List | | | | |

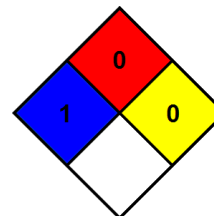
SECTION 16: Other information

| | |
|----------------------------|---|
| Revision date | : 04/15/2016 |
| Data sources | : U.S. 29CFR Part 1910 ACGIH Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices IARC Monographs on the Evaluation of the Carcinogenic Risk of Chemicals to Humans World Health Organization EU Directive 91/322/EEC and 2000/39/EC NTP 11th Report on Carcinogens. US OSHA HazCom (GHS) 25 May 2012. |
| Abbreviations and acronyms | : WHMIS (Workplace Hazardous Material Information System (Canada)). vPvB (very persistent and very bioaccumulative). TWA (Time Weighted Average). TSCA (Toxic Substances Control Act) (US). TLV (Threshold Limit Value) (ACGIH). STOT RE (Specific target organ toxicity (repeated exposure)). STEL (Short Term Exposure Limit). SCOEL (Scientific Committee on Occupational Exposure Limits). SCL (Specific Concentration Limit). RID (Règlement concernant le transport international ferroviaire de marchandises). Repr (Toxicity for reproduction). PNEC (predicted no effect concentration). PEL (Permissible Exposure Limit). PBT (Persistent, bioaccumulative and toxic). OEL (Occupational exposure limit). OECD (Organisation for Economic Co-operation and Development). NOHSC (National Occupational Health and Safety Commission (Australia)). NOAEL (No observed adverse effect level). LOAEC (Lowest observed adverse effect concentration). LD50 (Lethal Dose 50%). LC50 (Lethal Concentration 50%). NOAEC (No observed adverse effect concentration). IOELV (Indicative Occupational Exposure Limit). IMO (International Maritime Organisation). NTP (National Toxicology Program) (US). OSHA (Occupational Safety and Health Administration) (US). STOT SE (Specific target organ toxicity (single exposure)). ACGIH (American Conference of Government Industrial Hygienists). ADR (Accord européen relatif au transport international des marchandises Dangereuses par Route). CAS (Chemical Abstracts Service) number. BCF (Bioconcentration factor). DOT (Department Of Transportation (US)). EC (European Community). EC50 (Effective Concentration 50%). IARC (International Agency for Research on Cancer). IATA (International Air Transport Association). ICAO (International Civil Aviation Organization). IMDG (International Maritime Dangerous Goods Code). |

Full text of H-phrases:

| | |
|-----------|---|
| Carc. 1A | Carcinogenicity Category 1A |
| STOT SE 1 | Specific target organ toxicity (single exposure) Category 1 |
| STOT SE 3 | Specific target organ toxicity (single exposure) Category 3 |
| H335 | May cause respiratory irritation |
| H350 | May cause cancer |
| H370 | Causes damage to organs |

| | |
|--------------------|---|
| NFPA health hazard | : 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given. |
| NFPA fire hazard | : 0 - Materials that will not burn. |
| NFPA reactivity | : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water. |



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| | |
|---------------------|---|
| HMIS III Rating | |
| Health | : 1 Slight Hazard - Irritation or minor reversible injury possible,* Chronic Hazard - Chronic (long-term) health effects may result from repeated overexposure |
| Flammability | : 0 Minimal Hazard - Materials that will not burn |
| Physical | : 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives. |
| Personal Protection | : E E - Safety glasses, Gloves, Dust respirator |

SDS US (GHS HazCom 2012)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product