## SAFETY DATA SHEET

### SECTION 1
**IDENTIFICATION**

**Product**

Name: Dolomite Granite Mix - All Sizes

Other Names: Dolomitic Limestone Granite Mix; Dolo – Granite; Pit Rock

Recommended Uses: pH adjustment; Construction; Agriculture; Aggregate; Mineral Filler

**Company Identification:**

**US Operations:**
- Lhoist North America, Inc.
- 3700 Hulen Street
- Fort Worth, TX 76107
- 817-732-8164

**Canadian Operations:**
- Lhoist North America of Canada, Inc.
- 20303-102B Ave.
- Langley, BC V1M 3H1
- 604-888-4333

**Emergency Phone Number:**
- Chemtrec 1-800-424-9300

### SECTION 2
**HAZARDS(S) IDENTIFICATION**

**Classification**
- Carcinogen – Category 1
- Specific Target Organ Toxicity Single Exposure – Category 3 (Respiratory System)
- Specific Target Organ Toxicity Repeat Exposure – Category 1 (Respiratory System)

**Labeling:**

**Pictograms:**

![Pictogram 1](image1)
![Pictogram 2](image2)

**Signal Word(s):** Danger
Hazard Statements:

- May cause respiratory irritation.
- Causes damage to lungs through prolonged or repeated exposure when inhaled.
- May cause cancer through inhalation.

Precautionary Statements:

- Wash exposed skin thoroughly after handling. Do not breathe dust. Use only outdoors or in a well-ventilated area. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not eat, drink or smoke when using this product.
- If exposed or concerned: Get medical advice
- Dispose of contents or containers in accordance with applicable regulations.

Other Hazards: None.

SECTION 3
COMPOSITION/ INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>CAS #</th>
<th>Concentration, % Wt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dolomite</td>
<td>16389-88-1</td>
<td>&gt; 65</td>
</tr>
<tr>
<td>Granite</td>
<td>n/a</td>
<td>&lt; 35</td>
</tr>
<tr>
<td>Crystalline Silica</td>
<td>14808-60-7</td>
<td>&lt; 3</td>
</tr>
</tbody>
</table>

SECTION 4
FIRST AID MEASURES

Inhalation: Move victim to fresh air. Seek medical attention if necessary.

Ingestion: Do not induce vomiting. Seek medical attention immediately. Never give anything by mouth unless instructed to do so by medical personnel.

Most important symptoms and effects, both acute and delayed: This product contains crystalline silica, which has been classified by IARC as (Group I) carcinogenic to humans when inhaled. Inhalation of silica can also cause a chronic lung disorder, silicosis.

Note to Physician: Provide general supportive measures and treat symptomatically.
SECTION 5: FIREFIGHTING MEASURES

Extinguishing Media

Appropriate Extinguishing Media: Use dry chemical fire extinguisher or water

Inappropriate Extinguishing Media: Do not use halogenated compounds.

Firefighting

Fire Hazards: Dolomite-Granite is not combustible or flammable. Dolomite-Granite is not considered to be an explosive hazard, although reaction with incompatible materials may rupture containers.

Hazardous Combustion Products: None

Special Protective Equipment and Fire Fighting Instructions: None

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use proper protective equipment.

Environmental Precautions: For large spills, as much as possible, avoid the generation of dusts. Prevent release to sewers or waterways.

Methods and Materials for Containment and Cleaning Up:

Small Spills: Use dry methods to collect spilled materials. Avoid generating dust. Do not clean up with compressed air. Residue on surfaces may be washed with water or dilute vinegar solution.

Large Spills: Use dry methods to collect spilled materials. Evacuate area downwind of clean-up operations to minimize dust exposure.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling: None

Conditions for Safe Storage, Including any Incompatibilities: Do not store near incompatible materials (see Section 10 below).
SECTION 8

EXPOSURE CONTROLS/ PERSONAL PROTECTION

Control Parameters:

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS #</th>
<th>Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dolomite</td>
<td>16389-88-1</td>
<td>OSHA PEL: 15 mg/m³ (total) 5 mg/m³ (respirable)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV: 10 mg/m³</td>
</tr>
<tr>
<td>Granite</td>
<td>n/a</td>
<td>OSHA PEL: 15 mg/m³ (total) 5 mg/m³ (respirable)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV: 15 mg/m³ (total) 3 mg/m³ (respirable)</td>
</tr>
<tr>
<td>Crystalline Silica</td>
<td>14808-60-7</td>
<td>OSHA PEL: 10 mg/m³ divided by (the percentage of silica in the dust plus 2)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(respirable)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV: 0.025 mg/m³ (respirable)</td>
</tr>
</tbody>
</table>

Appropriate Engineering Controls: Provide ventilation adequate to maintain PELs.

Personal Protection

Respiratory Protection: Use NIOSH approved respirators if airborne concentration exceeds PEL.

Eye Protection: Use safety glasses with side shields or safety goggles.

Skin Protection: Clothing should fully cover arms and legs.

Other: Eye wash fountain and emergency showers are recommended.

SECTION 9

PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical State: Solid
Color: White, grayish-white, red, pink or tan
Odor: Odorless
Odor Threshold: N/A
pH: 8-9 @ 25° C
Melting Point: N/A
Initial Boiling Point: N/A
Freezing Point: N/A
Flash Point: N/A  
Evaporation Rate: N/A  
Flammability (solid, gas): Non-flammable  
Explosion Limits: N/A  
Vapor Pressure: N/A  
Vapor Density: N/A  
Relative Density: 2.5 – 2.8 g/cm³ (apparent)  
Solubility(ies): Not readily soluble in water  
Partition coefficient: Relatively insoluble  
Auto-ignition Temperature: N/A  
Decomposition Temperature: 730 °C  
Viscosity: N/A  

SECTION 10  
STABILITY AND REACTIVITY  
Reactivity: Normally stable. Will react with chemicals listed under incompatible materials below.  
Chemical Stability: Dolomite-Granite is chemically stable.  
Possibility of Hazardous Reactions: See reactivity above  
Conditions to Avoid: Do not allow Dolomite-Granite to come into contact with incompatible materials.  
Incompatible Materials: Dolomite-Granite should not be mixed or stored with the following materials, due to the potential for violent reaction and release of heat:  
- Acids (unless in a controlled process)  
- Reactive Fluoridated Compounds  
- Reactive Brominated Compounds  
- Reactive Powdered Metals  
- Ammonium Salts  
Hazardous Decomposition Products: None  

SECTION 11  
TOXICOLOGICAL INFORMATION  
Health Effects: see First Aid discussion in Section 4  
Routes of Exposure: see First Aid discussion in Section 4
Symptoms Related to Exposure: see First Aid discussion in Section 4

Carcinogen Listing: Dolomite-Granite is not listed by MSHA, OSHA, or IARC as a carcinogen, but this product contains crystalline silica, which has been classified by IARC as (Group I) carcinogenic to humans when inhaled.

<table>
<thead>
<tr>
<th>SECTION 12</th>
<th>ECOLOGICAL INFORMATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ecotoxicity:</td>
<td>None Expected</td>
</tr>
<tr>
<td>Persistence and Degradability:</td>
<td>N/A</td>
</tr>
<tr>
<td>Bioaccumulation Potential:</td>
<td>This material shows no bioaccumulation effect or food chain concentration toxicity.</td>
</tr>
<tr>
<td>Mobility in Soil:</td>
<td>Minimal mobility in soil.</td>
</tr>
<tr>
<td>Other Adverse Effects:</td>
<td>N/A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SECTION 13</th>
<th>DISPOSAL CONSIDERATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Disposal Recommendations:</td>
<td>Dispose of in accordance with all applicable federal, state, and local environmental regulations.</td>
</tr>
<tr>
<td>Regulatory Disposal Information:</td>
<td>If this product as supplied, and unmixed, becomes a waste, it will not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SECTION 14</th>
<th>TRANSPORT INFORMATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN Number:</td>
<td>Not Regulated</td>
</tr>
<tr>
<td>UN Proper Shipping Name:</td>
<td>Not Regulated</td>
</tr>
<tr>
<td>Transport Hazard Class(es):</td>
<td>Not Regulated</td>
</tr>
<tr>
<td>Packing Group:</td>
<td>Not Regulated</td>
</tr>
<tr>
<td>Marine Pollutant (y/n):</td>
<td>No</td>
</tr>
<tr>
<td>Special Precautions:</td>
<td>None</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SECTION 15</th>
<th>REGULATORY INFORMATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>National Chemical Inventory Listings:</td>
<td>All chemical ingredients are listed on the USEPA TSCA Inventory List.</td>
</tr>
<tr>
<td>US Regulations:</td>
<td></td>
</tr>
<tr>
<td>RCRA Hazardous Waste Number:</td>
<td>not listed (40 CFR 261.33)</td>
</tr>
<tr>
<td>RCRA Hazardous Waste Classification:</td>
<td>(40 CFR 261): not classified</td>
</tr>
</tbody>
</table>
CERCLA Hazardous Substance (40 CFR 302.4) unlisted specific per RCRA, Sec. 3001; CWA, Sec. 311 (b) (4); CWA, Sec. 307(a), CAA, Sec. 112
CERCLA Reportable Quantity (RQ) not listed.
SARA 311/312 Codes: not listed.
SARA Toxic Chemical (40 CFR 372.65): not listed.
SARA EHS (Extremely Hazardous Substance) (40 CFR 355): Not listed, Threshold Planning Quantity (TPQ): not listed

Specific State Regulations: Consult State and Local authorities for guidance. Components found in this product may contain trace amounts of inherent naturally occurring elements (such as, but not limited to arsenic and cadmium) that may be regulated under California Proposition 65 and other States regulations.

Canada DSL: Listed

Canadian WHMIS Listing:

<table>
<thead>
<tr>
<th>“D2A” Materials causing other toxic effects</th>
</tr>
</thead>
</table>

SECTION 16 OTHER INFORMATION

Prepared By: Lhoist North America Technical Services

Date Prepared: May 1, 2015

Revision: 2015-1

Abbreviations:

N/A Not Available or Not Applicable
IARC International Agency for Research on Cancer
IATA International Air Transport Association
ACGIH American Conference of Governmental Hygienists
ACGIH Industrial Hygienists
TWA Time Weighted Average
PEL Permissible Exposure Limit
TLV Threshold Limit Value
REL Recommended Exposure Limit

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