1. Identification

Product identifier: USG® Ivory Finish Lime

Other means of identification:
- SDS number: 53000010019
- Synonyms: Finishing Lime

Recommended use: Interior use.

Recommended restrictions: Use in accordance with manufacturer's recommendations.

Manufacturer/Importer/Supplier/Distributor information:
- Company name: United States Gypsum Company
- Address: 550 West Adams Street, Chicago, Illinois 60661-3637
- Telephone: 1-800-874-4968
- Website: www.usg.com
- Emergency phone number: 1-800-507-8899

2. Hazard(s) identification

Physical hazards: Not classified.

Health Hazards:
- Skin corrosion/irritation: Category 2
- Serious eye damage/eye irritation: Category 1
- Carcinogenicity: Category 1A
- Specific Target Organ Toxicity, Single Exposure: Category 3 respiratory tract irritation

OSHA defined hazards: Not classified.

Label elements:
- Signal word: Danger
- Hazard statement: Causes skin irritation. Causes serious eye damage. May cause cancer. May cause respiratory irritation.
- Precautionary statement:
  - Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.
  - Response: If exposed or concerned: Get medical advice/attention. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If inhaled: Remove person to fresh air and keep comfortable for breathing. Take off contaminated clothing and wash before reuse.
  - Storage: Store in a well-ventilated place. Keep container tightly closed. Store locked up.
  - Disposal: Dispose of in accordance with local, state, and federal regulations.
  - Hazard(s) not otherwise classified (HNOC): None known.

3. Composition/information on ingredients

Mixtures
Dolomitic hydroxide

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crystalline silica (Quartz)</td>
<td>14808-60-7</td>
<td>&lt; 1</td>
</tr>
</tbody>
</table>

Composition comments
Raw materials in this product contain respirable crystalline silica as an impurity. The weight percent of respirable crystalline silica found in this product is < 1%. Exposures to respirable crystalline silica during the normal use of this product must be determined by workplace hygiene testing.

4. First-aid measures

Inhalation
Dust irritates the respiratory system, and may cause coughing and difficulties in breathing. Move injured person into fresh air and keep person calm under observation. Get medical attention if symptoms persist.

Skin contact
Contact with dust: Rinse area with plenty of water. Get medical attention if irritation develops or persists.

Eye contact
Dust in the eyes: Do not rub eyes. Flush thoroughly with water. If irritation occurs, get medical assistance.

Ingestion
Rinse mouth. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed
Skin irritation. Severe eye irritation. Permanent eye damage including blindness could result. Dust may irritate throat and respiratory system and cause coughing.

Indication of immediate medical attention and special treatment needed
Provide general supportive measures and treat symptomatically.

General information
Ensure that medical personnel are aware of the material(s) involved.

5. Fire-fighting measures

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

Unsuitable extinguishing media
Not applicable.

Specific hazards arising from the chemical
Above 600°C, dolomite decomposes into calcium-magnesium oxide which releases heat when in contact with water, with the risk of fire to surrounding flammable substances.

Special protective equipment and precautions for firefighters
Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire fighting equipment/instructions
Use standard firefighting procedures and consider the hazards of other involved materials.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures
See Section 8 of the SDS for Personal Protective Equipment.

Methods and materials for containment and cleaning up
Vacuum up the spilled material. Vacuums used for this purpose should be equipped with HEPA filters. Containers must be labeled. Collect in approved containers and seal securely. For waste disposal, see Section 13 of the SDS.

Environmental precautions
Avoid discharge to drains, sewers, and other water systems.

7. Handling and storage

Precautions for safe handling
Minimize dust production when mixing, or opening and closing bags. Avoid inhalation of dust. Wear appropriate personal protective equipment. Wash hands after handling. Observe good industrial hygiene practices and use appropriate lifting techniques.

Conditions for safe storage, including any incompatibilities
Store in a cool, dry, well-ventilated place. Store away from incompatible materials. Avoid contact with acids, water, and moisture.
8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-3 (29 CFR 1910.1000)

<table>
<thead>
<tr>
<th>Impurities</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crystalline silica (Quartz)</td>
<td>TWA</td>
<td>0.3 mg/m³</td>
<td>Total dust.</td>
</tr>
<tr>
<td>(CAS 14808-60-7)</td>
<td></td>
<td>0.1 mg/m³</td>
<td>Respirable.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2.4 mppcf</td>
<td>Respirable.</td>
</tr>
</tbody>
</table>

US. ACGIH Threshold Limit Values

<table>
<thead>
<tr>
<th>Impurities</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crystalline silica (Quartz)</td>
<td>TWA</td>
<td>0.025 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>(CAS 14808-60-7)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

US. NIOSH: Pocket Guide to Chemical Hazards

<table>
<thead>
<tr>
<th>Impurities</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crystalline silica (Quartz)</td>
<td>TWA</td>
<td>0.05 mg/m³</td>
<td>Respirable dust.</td>
</tr>
<tr>
<td>(CAS 14808-60-7)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Biological limit values

No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls

Provide sufficient ventilation for operations causing dust formation. Observe occupational exposure limits and minimize the risk of exposure.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear approved safety goggles.

Skin protection

Hand protection

It is a good industrial hygiene practice to minimize skin contact. For prolonged or repeated skin contact use suitable protective gloves.

Other

Normal work clothing (long sleeved shirts and long pants) is recommended.

Respiratory protection

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Use a NIOSH/MSHA approved air purifying respirator as needed to control exposure. Consult with respirator manufacturer to determine respirator selection, use, and limitations. Use positive pressure, air-supplied respirator for uncontrolled releases or when air purifying respirator limitations may be exceeded. Follow respirator protection program requirements (OSHA 1910.134 and ANSI Z88.2) for all respirator use.

Thermal hazards

None.

General hygiene considerations

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment separately from regular wash. Observe any medical surveillance requirements.

9. Physical and chemical properties

Appearance

Physical state  Solid.
Form  Powder.
Color  White to off-white.

Odor

Low to no odor.

Odor threshold

Not applicable.

pH

12

Melting point/freezing point

Not applicable.

Initial boiling point and boiling range

Not applicable.

Flash point

Not applicable.

Evaporation rate

Not applicable.

Flammability (solid, gas)

Not applicable.
Upper/lower flammability or explosive limits

- **Flammability limit - lower (%):** Not applicable.
- **Flammability limit - lower (%) temperature:** Not applicable.
- **Flammability limit - upper (%):** Not applicable.
- **Flammability limit - upper (%) temperature:** Not applicable.
- **Explosive limit - lower (%):** Not applicable.
- **Explosive limit - lower (%) temperature:** Not applicable.
- **Explosive limit - upper (%):** Not applicable.
- **Explosive limit - upper (%) temperature:** Not applicable.

Vapor pressure
- Not applicable.

Vapor density
- Not applicable.

Relative density
- 2 - 2.4 (H₂O = 1)

Solubility(ies)
- **Solubility (water):** 0.15 - 0.4 g/100g (H₂O)
- **Partition coefficient (n-octanol/water):** Not applicable.

Auto-ignition temperature
- Not applicable.

Decomposition temperature
- 953.6 °F (512 °C)

Viscosity
- Not applicable.

**Other information**
- **Bulk density:** 45 - 55 lb/ft³
- **Flammability:** Not applicable.
- **VOC (Weight %):** 0 g/l

10. Stability and reactivity

- **Reactivity:** Not available.
- **Chemical stability:** Material is stable under normal conditions.
- **Possibility of hazardous reactions:** Hazardous polymerization does not occur.
- **Conditions to avoid:** Contact with incompatible materials. Exposure to moisture.
- **Incompatible materials:** Oxidizing agents. Acids.
- **Hazardous decomposition products:** Decomposes at temperatures at > 953.6 °F (512 °C) to form calcium-magnesium oxide.

11. Toxicological information

**Information on likely routes of exposure**

- **Inhalation:** Inhalation of dusts may cause respiratory irritation.
- **Skin contact:** Causes severe skin irritation and burning, especially in the presence of moisture.
- **Eye contact:** Exposure to airborne dust may cause immediate or delayed irritation of the eyes. Depending on the level of exposure, effects may range from redness to chemical burns and blindness.
- **Ingestion:** May cause burns to mouth, throat and stomach.

- **Symptoms related to the physical, chemical and toxicological characteristics:** Skin irritation. May cause serious chemical burns to the skin. May cause chemical eye burns. Permanent eye damage including blindness could result. Irritation of eyes and mucous membranes. Irritation of nose and throat. Dust may irritate throat and respiratory system and cause coughing.

**Information on toxicological effects**

- **Acute toxicity:** Contact may cause serious skin and eye damage that can be permanent; ingestion can cause burns in mouth, esophagus and stomach.
<table>
<thead>
<tr>
<th>Skin corrosion/irritation</th>
<th>Causes severe skin irritation or burns that may be irreversible.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Can cause severe eye damage that may be irreversible.</td>
</tr>
<tr>
<td>Respiratory or skin sensitization</td>
<td></td>
</tr>
<tr>
<td>Respiratory sensitization</td>
<td>No data available.</td>
</tr>
<tr>
<td>Skin sensitization</td>
<td>No data available.</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>May cause cancer.</td>
</tr>
<tr>
<td>IARC Monographs. Overall Evaluation of Carcinogenicity</td>
<td></td>
</tr>
<tr>
<td>Crystalline silica (Quartz) (CAS 14808-60-7)</td>
<td>1 Carcinogenic to humans.</td>
</tr>
<tr>
<td>NTP Report on Carcinogens</td>
<td></td>
</tr>
<tr>
<td>Crystalline silica (Quartz) (CAS 14808-60-7)</td>
<td>Known To Be Human Carcinogen.</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>Not expected to be a reproductive hazard.</td>
</tr>
<tr>
<td>Specific target organ toxicity - single exposure</td>
<td>May cause respiratory irritation.</td>
</tr>
<tr>
<td>Specific target organ toxicity - repeated exposure</td>
<td>No data available, but none expected.</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>Due to the physical form of the product it is not an aspiration hazard.</td>
</tr>
<tr>
<td>Chronic effects</td>
<td>Pre-existing skin and respiratory conditions including dermatitis, asthma and chronic lung disease might be aggravated by exposure. May cause eczema-like skin disorders (dermatitis).</td>
</tr>
</tbody>
</table>

12. Ecological information

Ecotoxicity | The product components are 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. |
Persistence and degradability | No data available. |
Bioaccumulative potential | Bioaccumulation is not expected. |
Mobility in soil | No data available. |
Other adverse effects | None expected. |

13. Disposal considerations

Disposal instructions | Dispose in accordance with applicable federal, state, and local regulations. Recycle responsibly. |
Local disposal regulations | Dispose of in accordance with local regulations. |
Hazardous waste code | Not regulated. |
Waste from residues / unused products | Dispose of in accordance with local regulations. |
Contaminated packaging | Dispose of in accordance with local regulations. |

14. Transport information

DOT | Not regulated as dangerous goods. |
IATA | Not regulated as dangerous goods. |
IMDG | Not regulated as dangerous goods. |
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | Not applicable. This product is a solid. Therefore, bulk transport is governed by IMSBC code. |

15. Regulatory information

US federal regulations | This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200 (OSHA) and 8 CCR § 5194 (Cal/OSHA). |
TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not listed.

CERCLA Hazardous Substance List (40 CFR 302.4)
Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)
Hazard categories
- Immediate Hazard - Yes
- Delayed Hazard - Yes
- Fire Hazard - No
- Pressure Hazard - No
- Reactivity Hazard - No

SARA 302 Extremely hazardous substance
Not listed.

SARA 311/312 Hazardous chemical
Yes

SARA 313 (TRI reporting)
Not regulated.

Other federal regulations
- Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
  Not regulated.
- Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)
  Not regulated.
- Safe Drinking Water Act (SDWA)
  Not regulated.

US state regulations
- US. Massachusetts RTK - Substance List
  Crystalline silica (Quartz) (CAS 14808-60-7)
- US. New Jersey Worker and Community Right-to-Know Act
  Crystalline silica (Quartz) (CAS 14808-60-7)
- US. Pennsylvania Worker and Community Right-to-Know Law
  Crystalline silica (Quartz) (CAS 14808-60-7)
- US. Rhode Island RTK
  Not regulated.
- US. California Proposition 65
  WARNING: This product contains a chemical known to the State of California to cause cancer.
- US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance
  Crystalline silica (Quartz) (CAS 14808-60-7)

International Inventories
Country(s) or region Inventory name On inventory (yes/no)*
United States & Puerto Rico Toxic Substances Control Act (TSCA) Inventory Yes

*"Yes" indicates this product complies with the inventory requirements administered by the governing country(s).
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision
Issue date 03-October-2014
Revision date -
Version # 01
Further information
Crystalline silica: Raw materials in this product may contain respirable crystalline silica. Exposures to respirable crystalline silica are not expected during the normal use of this product. However, actual levels must be determined by workplace hygiene testing. Prolonged and repeated exposure to airborne free respirable crystalline silica can result in lung disease (i.e., silicosis) and/or lung cancer.

NFPA Ratings:
Health: 2
Flammability: 0
Physical hazard: 0

Hazard Scale: 0 = Minimal  1 = Slight  2 = Moderate  3 = Serious  4 = Severe

NFPA ratings

Disclaimer
This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.