1. Identification

Product identifier: FireDefender® Universal Core

Other means of identification
- SDS number: GP-73E
- Recommended use: Edge banding, blocking, mineral core and components for fire doors and frames
- Recommended restrictions: None known.

Manufacturer/Importer/Supplier/Distributor information
- Company name: Georgia-Pacific Gypsum LLC
- Address: 133 Peachtree Street, NE
- Atlanta, GA 30303
- Telephone: Technical Information 800.225.6119
- (M)SDS Request 404.652.5119
- E-mail: MSDSREQ@GAPAC.COM
- Emergency phone number: Chemtrec - Emergency 800.424.9300

2. Hazard(s) identification

Emergency overview
This product is not hazardous in the form in which it is shipped by the manufacturer but may become hazardous by downstream activities such as cutting, sanding, or otherwise working with this product that generate large amount of dusts. Those hazards associated with large amount of dusts are described below.

Physical hazards
- Not classified.

Health hazards
- Skin irritation: Category 2
- Serious eye damage: Category 1
- Sensitization, skin: Category 1
- Carcinogenicity: Category 1A
- Specific target organ toxicity, repeated exposure: Category 1 (lung)

Environmental hazards
- Not classified.

OSHA defined hazards
- Not classified.

Label elements

Signal word: Danger

Hazard statement: Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. May cause cancer. Causes damage to organs (lung) through prolonged or repeated exposure.

Precautionary statement

Prevention
- Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection.

Response
- If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. Specific treatment (see section 4 on the SDS).

Storage
- Store away from incompatible materials (see Section 10 of the SDS).

Disposal
- Dispose of contents/container in accordance with applicable regulations.

Hazard(s) not otherwise classified (HNOC)
- None known.
3. Composition/information on ingredients

<table>
<thead>
<tr>
<th>Mixtures</th>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>CALCIUM SULFATE DIHYDRATE</td>
<td></td>
<td>10101-41-4</td>
<td>60 - &lt; 100</td>
</tr>
<tr>
<td></td>
<td>PELRITE</td>
<td></td>
<td>93763-70-3</td>
<td>5 - &lt; 10</td>
</tr>
<tr>
<td></td>
<td>VERMICULITE</td>
<td></td>
<td>1318-00-9</td>
<td>1 - &lt; 5</td>
</tr>
<tr>
<td></td>
<td>CELLULOSE</td>
<td></td>
<td>9004-34-6</td>
<td>10 - 30</td>
</tr>
<tr>
<td></td>
<td>PORTLAND CEMENT</td>
<td></td>
<td>65997-15-1</td>
<td>5 - 10</td>
</tr>
<tr>
<td></td>
<td>CONTINUOUS FILAMENT GLASS FIBERS</td>
<td></td>
<td>65997-17-3</td>
<td>1 - 5</td>
</tr>
<tr>
<td></td>
<td>CRYSTALLINE SILICA (QUARTZ)</td>
<td></td>
<td>14808-60-7</td>
<td>1 - 5</td>
</tr>
</tbody>
</table>

The specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures

Inhalation: Move to fresh air. Call a physician if symptoms develop or persist.

Skin contact: Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions. Wash contaminated clothing before reuse.

Eye contact: Do not rub eyes. Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

Ingestion: Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. Dusts may irritate the respiratory tract, skin and eyes. Coughing. Discomfort in the chest. Shortness of breath. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash. Prolonged exposure may cause chronic effects. Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

Indication of immediate medical attention and special treatment needed: IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

5. Fire-fighting measures

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media: None known.

Specific hazards arising from the chemical: During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters: Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Firefighters should wear full protective clothing including self contained breathing apparatus.

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

Specific methods: No unusual fire or explosion hazards noted.

General fire hazards: Use standard firefighting procedures and consider the hazards of other involved materials.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: Avoid inhalation of dust from the spilled material. Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits. Use personal protection recommended in Section 8. Keep unnecessary personnel away.

Methods and materials for containment and cleaning up: Minimize dust generation. Sweep up or gather material and place in an appropriate container for disposal. Utilize wet methods, if appropriate, to minimize dust. For waste disposal, see section 13 of the SDS.

Environmental precautions: Keep out of drains, sewers, ditches, and waterways.
7. Handling and storage

Precautions for safe handling

Provide appropriate exhaust ventilation at places where dust is formed. Minimize dust generation and accumulation. Do not breathe dust. Do not get this material in contact with eyes. Do not taste or swallow. Avoid prolonged exposure. Observe good industrial hygiene practices. Use only in well-ventilated areas. Wear appropriate NIOSH/MSHA approved dust mask or filtering facepiece if dust is generated. Do not eat or drink while using the product. Wash hands before eating, drinking, or smoking.

Conditions for safe storage, including any incompatibilities

Store level and keep dry. Dewpoint or other conditions causing the presence of moisture can damage the product during storage. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

<table>
<thead>
<tr>
<th>US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)</th>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4)</td>
<td>PEL</td>
<td>5 mg/m3</td>
<td>Respirable fraction.</td>
<td></td>
</tr>
<tr>
<td>CELLULOSE (CAS 9004-34-6)</td>
<td>PEL</td>
<td>15 mg/m3</td>
<td>Total dust.</td>
<td></td>
</tr>
<tr>
<td>CRYSTALLINE SILICA (QUARTZ) (CAS 14808-60-7)</td>
<td>PEL</td>
<td>0.05 mg/m3</td>
<td>Respirable dust.</td>
<td></td>
</tr>
<tr>
<td>PORTLAND CEMENT (CAS 65997-15-1)</td>
<td>PEL</td>
<td>5 mg/m3</td>
<td>Respirable fraction.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>US. OSHA Table Z-3 (29 CFR 1910.1000)</th>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>PERLITE (CAS 93763-70-3)</td>
<td>TWA</td>
<td>5 mg/m3</td>
<td>Respirable fraction.</td>
<td></td>
</tr>
<tr>
<td>VERMICULITE (CAS 1318-00-9)</td>
<td>TWA</td>
<td>5 mg/m3</td>
<td>Respirable fraction.</td>
<td></td>
</tr>
<tr>
<td>PORTLAND CEMENT (CAS 65997-15-1)</td>
<td>TWA</td>
<td>15 mg/m3</td>
<td>Total dust.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ACGIH Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>CONTINUOUS FILAMENT GLASS FIBERS (CAS 65997-17-3)</td>
<td>TWA</td>
<td>5 mg/m3</td>
<td>Inhalable fraction.</td>
</tr>
<tr>
<td>PERLITE (CAS 93763-70-3)</td>
<td>TWA</td>
<td>3 mg/m3</td>
<td>Respirable particles.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>US. ACGIH Threshold Limit Values</th>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4)</td>
<td>TWA</td>
<td>10 mg/m3</td>
<td>Inhalable fraction.</td>
<td></td>
</tr>
<tr>
<td>CELLULOSE (CAS 9004-34-6)</td>
<td>TWA</td>
<td>10 mg/m3</td>
<td>Fiber.</td>
<td></td>
</tr>
<tr>
<td>CONTINUOUS FILAMENT GLASS FIBERS (CAS 65997-17-3)</td>
<td>TWA</td>
<td>1 fibers/cm3</td>
<td>Fiber.</td>
<td></td>
</tr>
<tr>
<td>CRYSTALLINE SILICA (QUARTZ) (CAS 14808-60-7)</td>
<td>TWA</td>
<td>0.025 mg/m3</td>
<td>Respirable fraction.</td>
<td></td>
</tr>
<tr>
<td>PERLITE (CAS 93763-70-3)</td>
<td>TWA</td>
<td>10 mg/m3</td>
<td>Inhalable particles.</td>
<td></td>
</tr>
<tr>
<td>PORTLAND CEMENT (CAS 65997-15-1)</td>
<td>TWA</td>
<td>1 mg/m3</td>
<td>Respirable fraction.</td>
<td></td>
</tr>
</tbody>
</table>
### US. NIOSH: Pocket Guide to Chemical Hazards

#### Components

<table>
<thead>
<tr>
<th>Name</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4)</td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>Respirable.</td>
</tr>
<tr>
<td>CELLULOSE (CAS 9004-34-6)</td>
<td>TWA</td>
<td>10 mg/m³</td>
<td>Total</td>
</tr>
<tr>
<td>CONTINUOUS FILAMENT GLASS FIBERS (CAS 65997-17-3)</td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>Respirable.</td>
</tr>
<tr>
<td>CRYSTALLINE SILICA (QUARTZ) (CAS 14808-60-7)</td>
<td>TWA</td>
<td>0.05 mg/m³</td>
<td>Respirable dust.</td>
</tr>
<tr>
<td>PEARLITE (CAS 93763-70-3)</td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>Respirable.</td>
</tr>
<tr>
<td>PORTLAND CEMENT (CAS 65997-15-1)</td>
<td>TWA</td>
<td>10 mg/m³</td>
<td>Total</td>
</tr>
<tr>
<td>PERLITE (CAS 95363-70-3)</td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>Respirable.</td>
</tr>
<tr>
<td>PORTLAND CEMENT (CAS 65997-15-1)</td>
<td>TWA</td>
<td>10 mg/m³</td>
<td>Total</td>
</tr>
</tbody>
</table>

#### Biological limit values

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

#### Exposure guidelines

Occupational exposure to nuisance dust (total and respirable) and respirable crystalline silica should be monitored and controlled.

#### Appropriate engineering controls

When sawing, sanding, drilling, or routing this product, provide local and general exhaust ventilation to keep airborne dust concentrations below exposure limits.

### Individual protection measures, such as personal protective equipment

#### Eye/face protection

Wear safety glasses with side shields (or goggles). Ensure compliance with OSHA's PPE standard (29 CFR 1910.132 and .133) for eye and face protection. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

#### Skin protection

For prolonged or repeated skin contact use suitable protective gloves.

#### Hand protection

Impervious protective clothing and gloves recommended to prevent drying or irritation of skin. Ensure compliance with OSHA's PPE standards (29 CFR 1910.132 (general) and 138 (hand protection)). Safety shower/eye wash fountain is recommended in the workplace area (29 CFR 1910.151 (c)).

#### Respiratory protection

A NIOSH approved dust mask or filtering facepiece is recommended in poorly ventilated areas or when permissible exposure limits may be exceeded. Respirators should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134) and ANSI's standard for respiratory protection (Z88.2).

#### Thermal hazards

Not applicable.

### 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 to remove contaminants. Keep away from food and drink.

### 9. Physical and chemical properties

#### Appearance

Composite edge banding, blocking or components

#### Physical state

Solid.

#### Form

Powder. Solid

#### Color

Grey or Brown

#### Odor

Odorless.

#### Odor threshold

Not available.

#### pH

Not available.

#### Melting point/freezing point

2642 °F (1450 °C) estimated

#### Initial boiling point and boiling range

Not applicable

#### Flash point

Not applicable
Evaporation rate: Not available.

Flammability (solid, gas): Not available.

**Upper/lower flammability or explosive limits**
- **Flammability limit - lower (%)**: Not applicable
- **Flammability limit - upper (%)**: Not applicable
- **Explosive limit - lower (%)**: Not available.
- **Explosive limit - upper (%)**: Not available.

Vapor pressure: Not applicable
Vapor density: Not applicable
Relative density: Not available

**Solubility(ies)**
- **Solubility (water)**: <0.2 at 22°C
- **Partition coefficient (n-octanol/water)**: Not available.

**Auto-ignition temperature**: Not applicable

**Decomposition temperature**: Not available.

**Viscosity**: Not available.

**Other information**
- **Explosive properties**: Not explosive.
- **Flash point class**: Not flammable
- **Oxidizing properties**: Not oxidizing.
- **Percent volatile**: Not available
- **Specific gravity**: 1 - 1.5
- **VOC**: Not available

**10. Stability and reactivity**

**Reactivity**: The product is stable and non-reactive under normal conditions of use, storage and transport.

**Chemical stability**: Material is stable under normal conditions.

**Possibility of hazardous reactions**: No dangerous reaction known under conditions of normal use.

**Conditions to avoid**: Contact with incompatible materials. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air).

**Incompatible materials**: Acids.

**Hazardous decomposition products**: May include and are not limited to: calcium oxide and sulfur dioxide.

**11. Toxicological information**

**Information on likely routes of exposure**

- **Inhalation**: May cause damage to organs through prolonged or repeated exposure by inhalation. Dust may irritate respiratory system.
- **Skin contact**: Causes skin irritation. May cause an allergic skin reaction.
- **Eye contact**: Causes serious eye damage.
- **Ingestion**: Not applicable under normal conditions of use. May cause gastrointestinal irritation if ingested.

**Symptoms related to the physical, chemical and toxicological characteristics**
- **Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. Dusts may irritate the respiratory tract, skin and eyes. Coughing. Discomfort in the chest. Shortness of breath. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.**

**Information on toxicological effects**

**Acute toxicity**
Components | Species | Test Results
---|---|---
CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4)  
**Acute**  
**Oral**  
LD50 | Rat | > 1581 mg/kg

**Skin corrosion/irritation**  
Causes skin irritation.

**Serious eye damage/eye irritation**  
Causes serious eye damage.

**Respiratory or skin sensitization**  
**Respiratory sensitization**  
Not a respiratory sensitizer.

**Skin sensitization**  
May cause an allergic skin reaction.

**Germ cell mutagenicity**  
No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Carcinogenicity**  
Exposure to respirable crystalline silica in the form of quartz or cristobalite from occupational sources is listed by IARC and NTP as a lung carcinogen. Prolonged exposure to respirable crystalline silica has been known to cause silicosis, a lung disease, which may be disabling. While there may be a factor of individual susceptibility to a given exposure to a respirable silica dust, the risk of contracting silicosis and the severity of the disease is clearly related to the amount of respirable crystalline silica exposure and the length of time (usually years) of exposure.

IARC Monographs. Overall Evaluation of Carcinogenicity  
CRYSSTALLINE SILICA (QUARTZ) (CAS 14808-60-7)  
1 Carcinogenic to humans.
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)  
CRYSSTALLINE SILICA (QUARTZ) (CAS 14808-60-7)  
Cancer
US. National Toxicology Program (NTP) Report on Carcinogens  
CRYSSTALLINE SILICA (QUARTZ) (CAS 14808-60-7)  
Known To Be Human Carcinogen.

**Reproductive toxicity**  
This product is not expected to cause reproductive or developmental effects.

**Specific target organ toxicity - single exposure**  
Not classified.

**Specific target organ toxicity - repeated exposure**  
Causes damage to organs (lung) through prolonged or repeated exposure.

**Aspiration hazard**  
Not an aspiration hazard.

**Chronic effects**  
Causes damage to organs through prolonged or repeated exposure. Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.

12. Ecological information

**Ecotoxicity**  
The product is 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.

Components | Species | Test Results
---|---|---
CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4)  
**Aquatic**  
**Acute**  
Fish | Fathead minnow (Pimephales promelas) | LC50  
> 1970 mg/l, 96 hours

CRYSSTALLINE SILICA (QUARTZ) (CAS 14808-60-7)  
**Aquatic**  
**Acute**  
Fish | Zebra danio (Danio rerio) | LC50  
> 10000 mg/l, 96 Hours OECD SIDS

**Persistence and degradability**  
No data is available on the degradability of this product.

**Bioaccumulative potential**  
No data available.

**Mobility in soil**  
No data available.

**Other adverse effects**  
No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

**Disposal instructions**  
Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Dispose of contents/container in accordance with local/regional/national/international regulations.
Local disposal regulations
Dispose in accordance with all applicable regulations.

Hazardous waste code
The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues / unused products
Dispose of in accordance with local regulations.

Contaminated packaging
Not available.

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.

15. Regulatory information

US federal regulations
This product is not hazardous in the form in which it is sold and shipped by the manufacturer. However, the large amount of dusts generated by downstream activities such as cutting, sanding, or otherwise working with this product is considered hazardous and is regulated under the Hazard Communication Standard 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
Not regulated.

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

SARA 304 Emergency release notification
Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)
CRYSSTALLINE SILICA (QUARTZ) (CAS 14808-60-7) Cancer lung effects immune system effects kidney effects

Superfund Amendments and Reauthorization Act of 1986 (SARA)
SARA 302 Extremely hazardous substance
Not listed.

SARA 311/312 Hazardous chemical
Yes

Classified hazard categories
Serious eye damage or eye irritation
Respiratory or skin sensitization
Carcinogenicity
Specific target organ toxicity (single or repeated exposure)

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
California Proposition 65

WARNING: This product can expose you to CRYSSTALLINE SILICA (QUARTZ), which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.
California Proposition 65 - CRT: Listed date/Carcinogenic substance
CRystalline silica (quartz) (Cas 14808-60-7) Listed: October 1, 1988

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))
Continuous Filament Glass Fibers (Cas 65997-17-3)
CRystalline silica (quartz) (Cas 14808-60-7)

International Inventories

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>Yes</td>
</tr>
<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</td>
</tr>
</tbody>
</table>

*A "Yes" indicates that all components of this product comply 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

<table>
<thead>
<tr>
<th>Issue date</th>
<th>May-19-2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Revision date</td>
<td>November-06-2018</td>
</tr>
<tr>
<td>Version #</td>
<td>03</td>
</tr>
</tbody>
</table>
| HMIS® ratings | Health: 3*  
| | Flammability: 0  
| | Physical hazard: 0  |
| NFPA ratings | Health: 2  
| | Flammability: 0  
| | Instability: 0  |

Disclaimer
This SDS is intended to quickly provide useful information to the user(s) of this material or product. It is not intended to serve as a comprehensive discussion of all possible risks or hazards, and it assumes a reasonable use of the product. The information contained in this SDS is believed to be accurate as of the date of preparation of this SDS and has been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification. The user or handler (or their employer) should consider the specific conditions in which this material will be used, handled, or stored and determine what specific safety or other precautions are required. Employers should ensure that their employees, agents, contractors, and customers who will use the product receive adequate warnings and safe handling procedures, including a current SDS. Product users or handlers (or their employer) who are unsure of what specific precautions are required should consult their employer, product supplier, or safety or health professionals before handling or working with this product. Please notify us immediately if you believe this SDS or other safety and health information about this product is inaccurate or incomplete.

Revision information
Exposure controls/personal protection: Occupational exposure limits
Regulatory information: California Proposition 65
Regulatory information: US federal regulations
GHS: Classification