1. Identification

Product identifier CETCO® JOINT COMPOUND
Other means of identification None.
Recommended use Not available.
Recommended restrictions Workers (and your customers or users in the case of resale) should be informed of the potential presence of respirable dust and respirable crystalline silica as well as their potential hazards. Appropriate training in the proper use and handling of this material should be provided as required under applicable regulations.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer
Company name CETCO, an MTI Company
Address 2870 Forbs Avenue
Hoffman Estates, IL 60192
United States
Telephone General Information 800 527-9948
Website http://www.cetco.com/
E-mail safetydata@mineraltech.com
Emergency phone number Emergency 1.866.519.4752/1 760 476 3962
Supplier Not available.

2. Hazard identification

Physical hazards Not classified.
Health hazards Serious eye damage/eye irritation Category 2A
Environmental hazards Not classified.

Label elements

Signal word Danger
Hazard statement Causes serious eye irritation.
Precautionary statement
Prevention Keep out of reach of children. Read label before use. Do not breathe dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear eye protection/face protection.
Response If medical advice is needed, have product container or label at hand. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Specific treatment (see on this label). If eye irritation persists: Get medical advice/attention.
Storage Store locked up. Store away from incompatible materials.
Disposal Dispose of waste and residues in accordance with local authority requirements. Dispose of contents/container in accordance with local/regional/national/international regulations.
Other hazards None known.

3. Composition/information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum distillates, hydrotreated light naphthenic</td>
<td></td>
<td>64742-53-6</td>
<td>40 - &lt; 50</td>
</tr>
<tr>
<td>COPPER, ELEMENTAL</td>
<td></td>
<td>7440-50-8</td>
<td>10 - &lt; 20</td>
</tr>
</tbody>
</table>

Material name: CETCO® JOINT COMPOUND
Version #: 09 Revision date: 10-August-2018 Issue date: 10-August-2018
SDS CANADA
### Chemicals

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>GRAPHITE</td>
<td></td>
<td>7782-42-5</td>
<td>10 - &lt; 20</td>
</tr>
<tr>
<td>CALCIUM OXIDE</td>
<td></td>
<td>1305-78-8</td>
<td>5 - &lt; 10</td>
</tr>
<tr>
<td>TALC</td>
<td></td>
<td>14807-96-6</td>
<td>5 - &lt; 10</td>
</tr>
<tr>
<td>SILICA, CRYSTALLINE, QUARTZ</td>
<td>CRYSTALLINE SILICA, QUARTZ SILICA (QUARTZ)</td>
<td>14808-60-7</td>
<td>&lt; 1</td>
</tr>
</tbody>
</table>

#### Other components below reportable levels

10 - < 20 Other components below reportable levels

DSD: Directive 67/548/EEC.
#: This substance has been assigned Community workplace exposure limit(s).
M: M-factor
PBT: persistent, bioaccumulative and toxic substance.
vPvB: very persistent and very bioaccumulative substance.

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume. *Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

### Composition comments

The full text for all R- and H-phrases is displayed in section 16. For the full text of the R phrases mentioned in this Section, see Section 15.

### 4. First-aid measures

#### Inhalation

Move to fresh air. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a physician if symptoms develop or persist.

#### Skin contact

Remove and isolate contaminated clothing and shoes. Immediately flush skin with plenty of water. Get medical attention immediately. For minor skin contact, avoid spreading material on unaffected skin. Wash clothing separately before reuse.

#### Eye contact

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

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Rinse mouth thoroughly. Never give anything by mouth to a victim who is unconscious or is having convulsions. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low so that stomach content doesn’t get into the lungs. Do not use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.

#### Most important symptoms/effects, acute and delayed

Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Prolonged exposure may cause chronic effects.

#### Indication of immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically. In case of shortness of breath, give oxygen. Keep victim under observation. Symptoms may be delayed.

#### General information

In case of shortness of breath, give oxygen. 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. Keep victim under observation. Keep victim warm.

### 5. Fire-fighting measures

#### Suitable extinguishing media

Powder. Dry chemical, CO2, water spray or regular foam. Dry sand.

#### Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

#### Specific hazards arising from the chemical

As in any fire, gases hazardous to health may be formed.

#### Special protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

#### Fire fighting equipment/instructions

Withdraw immediately in case of rising sound from venting safety devices or any discoloration of tanks due to fire. Do not scatter spilled material with high pressure water streams. Cool containers with flooding quantities of water until well after fire is out.

#### Specific methods

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

#### General fire hazards

No unusual fire or explosion hazards noted. This product is combustible at high temperatures.
6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**
Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

**Methods and materials for containment and cleaning up**
Stop leak if you can do so without risk.

Large Spills: Dike the spilled material, where this is possible. Following product recovery, flush area with water.

Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

**Environmental precautions**
Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Do not flush into surface water or sanitary sewer system. Runoff from fire control or dilution water may cause pollution.

7. Handling and storage

**Precautions for safe handling**
Keep formation of airborne dusts to a minimum. Provide appropriate exhaust ventilation at places where dust is formed. Do not breathe dust. Do not get this material in contact with eyes. Do not get this material in contact with skin. Do not get this material on clothing. Avoid prolonged exposure. When using, do not eat, drink or smoke. Do not use in areas without adequate ventilation. Wear appropriate personal protective equipment. Wash thoroughly after handling. Observe good industrial hygiene practices.

**Conditions for safe storage, including any incompatibilities**
Store locked up. Keep away from heat, sparks, and flame. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep this material away from food, drink and animal feed. Keep out of the reach of children. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

**Occupational exposure limits**

**US. ACGIH Threshold Limit Values**

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>CALCIUM OXIDE (CAS 1305-78-8)</td>
<td>TWA</td>
<td>2 mg/m³</td>
<td></td>
</tr>
<tr>
<td>COPPER, ELEMENTAL (CAS 7440-50-8)</td>
<td>TWA</td>
<td>1 mg/m³</td>
<td>Dust and mist.</td>
</tr>
<tr>
<td>GRAPHITE (CAS 7782-42-5)</td>
<td>TWA</td>
<td>0.2 mg/m³</td>
<td>Fume.</td>
</tr>
<tr>
<td>SILICA, CRYSSTALLINE, QUARTZ (CAS 14808-60-7)</td>
<td>TWA</td>
<td>0.025 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>TALC (CAS 14807-96-6)</td>
<td>TWA</td>
<td>2 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
</tbody>
</table>

**Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)**

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<tr>
<td>SILICA, CRYSSTALLINE, QUARTZ (CAS 14808-60-7)</td>
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<td>0.025 mg/m³</td>
<td>Respirable particles.</td>
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</tr>
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<td>1 mg/m³</td>
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<td>TWA</td>
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<td>Fume.</td>
</tr>
<tr>
<td>SILICA, CRYSTALLINE, QUARTZ (CAS 14808-60-7)</td>
<td>TWA</td>
<td>0.1 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>TALC (CAS 14807-96-6)</td>
<td>TWA</td>
<td>2 fibers/ml</td>
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</tr>
<tr>
<td>TALC (CAS 14807-96-6)</td>
<td>TWA</td>
<td>2 mg/m³</td>
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</tbody>
</table>

**Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents)**

<table>
<thead>
<tr>
<th>Components</th>
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<td></td>
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<tr>
<td>COPPER, ELEMENTAL (CAS 7440-50-8)</td>
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<td>1 mg/m³</td>
<td>Dust and fume.</td>
</tr>
<tr>
<td>GRAPHITE (CAS 7782-42-5)</td>
<td>TWA</td>
<td>0.2 mg/m³</td>
<td>Fume.</td>
</tr>
<tr>
<td>SILICA, CRYSTALLINE, QUARTZ (CAS 14808-60-7)</td>
<td>TWA</td>
<td>0.1 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>TALC (CAS 14807-96-6)</td>
<td>TWA</td>
<td>2 fibers/ml</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>TALC (CAS 14807-96-6)</td>
<td>TWA</td>
<td>2 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
</tbody>
</table>

**Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety)**

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</tr>
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<td>TWA</td>
<td>1 mg/m³</td>
<td>Dust and mist.</td>
</tr>
<tr>
<td>GRAPHITE (CAS 7782-42-5)</td>
<td>TWA</td>
<td>0.2 mg/m³</td>
<td>Fume.</td>
</tr>
<tr>
<td>SILICA, CRYSTALLINE, QUARTZ (CAS 14808-60-7)</td>
<td>TWA</td>
<td>0.1 mg/m³</td>
<td>Respirable dust.</td>
</tr>
<tr>
<td>TALC (CAS 14807-96-6)</td>
<td>TWA</td>
<td>3 mg/m³</td>
<td>Respirable dust.</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. Occupational Exposure Limits are not relevant to the current physical form of the product.
Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Ensure adequate ventilation, especially in confined areas. Provide eyewash station.

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

#### Eye/face protection
Wear safety glasses with side shields (or goggles). Do not get in eyes. Applicable for industrial settings only.

#### Skin protection
- **Hand protection**
  Wear appropriate chemical resistant gloves. Applicable for industrial settings only.

- **Other**
  Wear oil-impervious garments if contact is unavoidable. Do not get this material in contact with skin. Wear chemical protective equipment that is specifically recommended by the manufacturer. Use of an impervious apron is recommended. It may provide little or no thermal protection. Applicable for industrial settings only.

#### Respiratory protection
Use a particulate filter respirator for particulate concentrations exceeding the Occupational Exposure Limit. Applicable for industrial settings only.

#### Thermal hazards
Wear appropriate thermal protective clothing, when necessary.

### General hygiene considerations
When using, do not eat, drink or smoke. 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.

### 9. Physical and chemical properties

#### Appearance
- **Physical state**
  Solid.
- **Form**
- **Color**
  Copper to black.
- **Odor**
  Hydrocarbon-like.
- **Odor threshold**
  Not available.
- **pH**
  Not available.

#### Melting point/freezing point
285 °F (140.56 °C) / 2874.8 °F (1579.33 °C) estimated

#### Initial boiling point and boiling range
4856 °F (2680 °C) estimated

#### Flash point
> 330.0 °F (> 165.6 °C) Cleveland Open Cup

#### Evaporation rate
<= 1 butyl acetate = 1
<= 1 butyl acetate = 1

#### Flammability (solid, gas)
Not available.

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

#### Vapor pressure
0.00001 hPa estimated

#### Vapor density
>= 1 Air = 1
>= 1 Air = 1

#### Relative density
Not available.

#### Solubility(ies)
- **Solubility (water)**
  Not available.

#### Partition coefficient
- **(n-octanol/water)**
  Not available.

#### Auto-ignition temperature
Not available.

#### Decomposition temperature
Not available.

#### Viscosity
Not available.
Other information

Density  
6.82 g/cm³ estimated

Explosive properties  
Not explosive.

Flammability class  
Combustible III B estimated

Flash point class  
Combustible III B

Oxidizing properties  
Not oxidizing.

Specific gravity  
1.2

10. Stability and reactivity

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

Chemical stability  
Stable at normal conditions.

Possibility of hazardous reactions  
Hazardous polymerization does not occur. Will not occur.

Conditions to avoid  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Contact with incompatible materials.

Incompatible materials  

Hazardous decomposition products  
No decomposition if stored and applied as directed. Thermal decomposition can lead to release of irritating gases and vapors.

11. Toxicological information

Information on likely routes of exposure

Inhalation  
No adverse effects due to inhalation are expected.

Skin contact  
No adverse effects due to skin contact are expected.

Eye contact  
Causes serious eye irritation.

Ingestion  
May cause discomfort if swallowed. Expected to be a low ingestion hazard. However, ingestion is not likely to be a primary route of occupational exposure.

Symptoms related to the physical, chemical and toxicological characteristics  
Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Information on toxicological effects

Acute toxicity  
Causes burns. Not known.

<table>
<thead>
<tr>
<th>Product</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>CETCO® JOINT COMPOUND</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dermal</td>
<td>Rat</td>
<td>4433 mg/kg</td>
</tr>
<tr>
<td>LD50</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Inhalation</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LC50</td>
<td>Rat</td>
<td>6 mg/l/4h</td>
</tr>
<tr>
<td><strong>Oral</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rat</td>
<td>7173 mg/kg</td>
</tr>
</tbody>
</table>

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<tr>
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<td></td>
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<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oral</td>
<td>Rat</td>
<td>500 mg/kg</td>
</tr>
<tr>
<td>LD50</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Petroleum distillates, hydrotreated light naphthenic (CAS 64742-53-6)

<table>
<thead>
<tr>
<th>Product</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dermal</td>
<td>Rabbit</td>
<td>2000 mg/kg</td>
</tr>
<tr>
<td>LD50</td>
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</tr>
<tr>
<td><strong>Inhalation</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LC50</td>
<td>Rat</td>
<td>2.18 mg/l/4h</td>
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<tr>
<td><strong>Oral</strong></td>
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<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rat</td>
<td>5000 mg/kg</td>
</tr>
</tbody>
</table>
### Test Results

**Components**

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</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Oral</strong></td>
<td></td>
</tr>
<tr>
<td><strong>LD50</strong></td>
<td><em>Rat</em> 500 mg/kg</td>
</tr>
</tbody>
</table>

#### Skin corrosion/irritation

Prolonged skin contact may cause temporary irritation.

#### Serious eye damage/eye irritation

Causes serious eye irritation.

#### Respiratory or skin sensitization

- **Canada - Alberta OELs: Irritant**
  
  **Calcium Oxide (CAS 1305-78-8)**  
  Irritant

#### Respiratory sensitization

Not a respiratory sensitizer.

#### Skin sensitization

Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product.

#### Germ cell mutagenicity

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

### Carcinogenicity

In 1997, IARC (the International Agency for Research on Cancer) concluded that crystalline silica inhaled from occupational sources can cause lung cancer in humans. However in making the overall evaluation, IARC noted that "carcinogenicity was not detected in all industrial circumstances studied. Carcinogenicity may be dependent on inherent characteristics of the crystalline silica or on external factors affecting its biological activity or distribution of its polymorphs." (IARC Monographs on the evaluation of the carcinogenic risks of chemicals to humans, Silica, silicates dust and organic fibres, 1997, Vol. 68, IARC, Lyon, France.) In June 2003, SCOEL (the EU Scientific Committee on Occupational Exposure Limits) concluded that the main effect in humans of the inhalation of respirable crystalline silica dust is silicosis. "There is sufficient information to conclude that the relative risk of lung cancer is increased in persons with silicosis (and, apparently, not in employees without silicosis exposed to silica dust in quarries and in the ceramic industry). Therefore, preventing the onset of silicosis will also reduce the cancer risk..." (SCOEL SUM Doc 94-final, June 2003) Cancer hazard. According to the current state of the art, worker protection against silicosis can be consistently assured by respecting the existing regulatory occupational exposure limits. Occupational exposure to respirable dust and respirable crystalline silica should be monitored and controlled.

### ACGIH Carcinogens

- **SILICA, CRYSSTALLINE, QUARTZ (CAS 14808-60-7)**  
  A2 Suspected human carcinogen.

- **TALC (CAS 14807-96-6)**  
  A4 Not classifiable as a human carcinogen.

### Canada - Alberta OELs: Carcinogen category

- **SILICA, CRYSSTALLINE, QUARTZ (CAS 14808-60-7)**  
  Suspected human carcinogen.

### Canada - Manitoba OELs: carcinogenicity

- **SILICA, CRYSSTALLINE, QUARTZ (CAS 14808-60-7)**  
  Suspected human carcinogen.

- **TALC (CAS 14807-96-6)**  
  Not classifiable as a human carcinogen.

### Canada - Quebec OELs: Carcinogen category

- **SILICA, CRYSSTALLINE, QUARTZ (CAS 14808-60-7)**  
  Suspected carcinogenic effect in humans.

### IARC Monographs. Overall Evaluation of Carcinogenicity

- **SILICA, CRYSSTALLINE, QUARTZ (CAS 14808-60-7)**  
  1 Carcinogenic to humans.

- **TALC (CAS 14807-96-6)**  
  2B Possibly carcinogenic to humans.

- **3 Not classifiable as to carcinogenicity to humans.**

### US. National Toxicology Program (NTP) Report on Carcinogens

- **SILICA, CRYSSTALLINE, 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 through prolonged or repeated exposure.

### Aspiration hazard

Not an aspiration hazard.

### Chronic effects

Causes damage to organs through prolonged or repeated exposure. Prolonged exposure may cause chronic effects. Some of the components of this product are hazardous in the respirable form. However, because of the physical nature of this product, dust generation is not expected.

### Further information

Information given is based on data on the components and the toxicology of similar products.
12. Ecological information

### Ecotoxicity

Components of this product are hazardous to aquatic life. No data available for this product.

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CALCIUM OXIDE (CAS 1305-78-8)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aquatic</td>
<td>LC50 Fish</td>
<td>1070 mg/L, 96 Hours</td>
</tr>
<tr>
<td>COPPER, ELEMENTAL (CAS 7440-50-8)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aquatic</td>
<td>EC50 Crustacea</td>
<td>Water flea (Daphnia magna)</td>
</tr>
<tr>
<td>Aquatic</td>
<td>LC50 Fish</td>
<td>Fathead minnow (Pimephales promelas)</td>
</tr>
<tr>
<td>Petroleum distillates, hydrotreated light naphthenic (CAS 64742-53-6)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aquatic</td>
<td>EC50 Crustacea</td>
<td>Daphnia</td>
</tr>
<tr>
<td>Aquatic</td>
<td>LC50 Fish</td>
<td>Fish</td>
</tr>
</tbody>
</table>

### 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

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not contaminate ponds, waterways or ditches with chemical or used container. 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. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

#### Contaminated packaging

Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

#### TDG

<table>
<thead>
<tr>
<th>UN number</th>
<th>UN proper shipping name</th>
<th>Transport hazard class(es)</th>
<th>Class</th>
<th>Subsidiary risk</th>
<th>Packing group</th>
<th>Environmental hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN3077</td>
<td>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (COPPER, ELEMENTAL)</td>
<td>9</td>
<td></td>
<td></td>
<td>III</td>
<td>Marine pollutant only when containing 10% or more substances identified as marine pollutants or severe marine pollutant when containing 1% or more substances identified as severe marine pollutants</td>
</tr>
</tbody>
</table>

#### IATA

<table>
<thead>
<tr>
<th>UN number</th>
<th>UN proper shipping name</th>
<th>Transport hazard class(es)</th>
<th>Class</th>
<th>Subsidiary risk</th>
<th>Packing group</th>
<th>Environmental hazards</th>
<th>ERG Code</th>
<th>Special precautions for user</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN3077</td>
<td>Environmentally hazardous substance, solid, n.o.s. (COPPER, ELEMENTAL)</td>
<td>9</td>
<td></td>
<td></td>
<td>III</td>
<td>No.</td>
<td>9L</td>
<td>Read safety instructions, SDS and emergency procedures before handling.</td>
</tr>
</tbody>
</table>
General information
IMDG Regulated Marine Pollutant.

15. Regulatory information

Canadian regulations
This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all the information required by the CPR. This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all the information required by the HPR.

Controlled Drugs and Substances Act
Not regulated.

Export Control List (CEPA 1999, Schedule 3)
Not listed.

Greenhouse Gases
Not listed.

COPPER, ELEMENTAL (CAS 7440-50-8)

Precursor Control Regulations
Not regulated.

International regulations
Stockholm Convention
Not applicable.
Rotterdam Convention
Not applicable.
Kyoto protocol
Not applicable.
Montreal Protocol
Not applicable.
Baseline Convention
Not applicable.

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>Australia</td>
<td>Australian Inventory of Chemical Substances (AICS)</td>
<td>No</td>
</tr>
<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>No</td>
</tr>
<tr>
<td>Canada</td>
<td>Non-Domestic Substances List (NDSL)</td>
<td>No</td>
</tr>
<tr>
<td>China</td>
<td>Inventory of Existing Chemical Substances in China (IECSC)</td>
<td>No</td>
</tr>
<tr>
<td>Europe</td>
<td>European Inventory of Existing Commercial Chemical Substances (EINECS)</td>
<td>No</td>
</tr>
<tr>
<td>Europe</td>
<td>European List of Notified Chemical Substances (ELINCS)</td>
<td>No</td>
</tr>
<tr>
<td>Japan</td>
<td>Inventory of Existing and New Chemical Substances (ENCS)</td>
<td>No</td>
</tr>
<tr>
<td>Korea</td>
<td>Existing Chemicals List (ECL)</td>
<td>No</td>
</tr>
<tr>
<td>New Zealand</td>
<td>New Zealand Inventory</td>
<td>No</td>
</tr>
<tr>
<td>Philippines</td>
<td>Philippine Inventory of Chemicals and Chemical Substances (PICCS)</td>
<td>No</td>
</tr>
<tr>
<td>Taiwan</td>
<td>Taiwan Chemical Substance Inventory (TCSI)</td>
<td>No</td>
</tr>
<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>No</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

Issue date: 10-August-2018
Revision date: 10-August-2018
Version #: 09
Further information:
This safety datasheet only contains information relating to safety and does not replace any product information or product specification.

References:
ACGIH
EPA: AQUIRE database
NLM: Hazardous Substances Data Base
US. IARC Monographs on Occupational Exposures to Chemical Agents
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Revision information

Composition / Information on Ingredients: Ingredients
Transport Information: Material Transportation Information
Regulatory Information: United States
GHS: Classification