Material Safety Data Sheet

1 Identification
- Product identifier
- Trade name: CP Lime
- Other Names: CP-1 LIME
- Relevant identified uses of the substance or mixture and uses advised against
  No further relevant information available.
- Manufacturer/Supplier:
  Baker Lime
  320 North Baker Road
  York, PA 17408
- Information department: Compliance Department: 717-793-5463
- Emergency telephone number:
  Chemtrec: 800-424-9300
  Magnesita: 717-793-5463

2 Hazard(s) Identification
- Classification of the substance or mixture
  GHS08 Health hazard
  Carc. 1A  H350  May cause cancer.
- GHS05 Corrosion
  Eye Dam. 1  H318  Causes serious eye damage.
- GHS07
  Skin Irrit. 2  H315  Causes skin irritation.

Label elements
- GHS label elements
  The product is classified and labeled according to the Globally Harmonized System (GHS).
- Hazard pictograms GHS05, GHS08
- Signal word Danger
- Hazard statements
  H315 Causes skin irritation.
  H318 Causes serious eye damage.
  H350 May cause cancer.
- Precautionary statements
  P280  Wear protective gloves.
  P280  Wear eye protection / face protection.
  P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  P310  Immediately call a poison center/doctor.
  P321  Specific treatment (see on this label).

(Contd. on page 2)
3 Composition/information on ingredients

- Chemical characterization: Substances

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Description</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>16389-88-1</td>
<td>dolomite</td>
<td>25-50%</td>
</tr>
<tr>
<td>1344-95-2</td>
<td>Calcium Silicate</td>
<td>10-25%</td>
</tr>
<tr>
<td>1302-76-7</td>
<td>Aluminum Silicate</td>
<td>10-25%</td>
</tr>
<tr>
<td>7778-18-9</td>
<td>calcium sulphate, natural</td>
<td>10-25%</td>
</tr>
<tr>
<td>1309-37-1</td>
<td>Iron Oxide</td>
<td>&lt;10%</td>
</tr>
<tr>
<td>1305-78-8</td>
<td>calcium oxide</td>
<td>&lt;10%</td>
</tr>
<tr>
<td>1309-48-4</td>
<td>magnesium oxide</td>
<td>&lt;10%</td>
</tr>
<tr>
<td>1305-62-0</td>
<td>Calcium Hydroxide</td>
<td>&lt;5%</td>
</tr>
<tr>
<td>14808-60-7</td>
<td>Crystalline Silica, Quartz</td>
<td>&lt;1%</td>
</tr>
</tbody>
</table>

- Chemical characterization: Mixtures

- Description:
  Mixture: consisting of the following components.
  Refer to product data sheet for more details.

- Additional information: Contains agricultural liming material industrial by-product.

4 First-aid measures

- Description of first aid measures

- After inhalation:
  Supply fresh air; consult doctor in case of complaints.
  Seek medical treatment in case of complaints.

- After skin contact:
  Wash with water and soap
  Immediately rinse with water.

- After eye contact:
  Rinse opened eye for several minutes under running water. Then consult a doctor.

- Information for doctor:
  Most important symptoms and effects, both acute and delayed
  No further relevant information available.
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· Indication of any immediate medical attention and special treatment needed
  No further relevant information available.

5 Fire-fighting measures

· Extinguishing media
· Suitable extinguishing agents:
  CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
· Special hazards arising from the substance or mixture No further relevant information available.
· Advice for firefighters
· Protective equipment: No special measures required.

6 Accidental release measures

· Personal precautions, protective equipment and emergency procedures Not required.
· Environmental precautions:
  Do not allow product to reach sewage system or any water course.
  Inform respective authorities in case of seepage into water course or sewage system.
  Do not allow to enter sewers/ surface or ground water.
· Methods and material for containment and cleaning up:
  Dispose contaminated material as waste according to item 13.
  Ensure adequate ventilation.
· Reference to other sections
  See Section 7 for information on safe handling.
  See Section 8 for information on personal protection equipment.
  See Section 13 for disposal information.

7 Handling and storage

· Handling:
· Precautions for safe handling
  Ensure good ventilation/exhaustion at the workplace.
  Open and handle receptacle with care.
  Prevent formation of dust.
· Information about protection against explosions and fires:
  Keep respiratory protective device available.
· Conditions for safe storage, including any incompatibilities
· Storage:
· Requirements to be met by storerooms and receptacles: No special requirements.
· Information about storage in one common storage facility: Not required.
· Further information about storage conditions:
  Keep receptacle tightly sealed.
  Store in dry conditions.
  Store in a cool place.
· Specific end use(s) No further relevant information available.

(Contd. on page 4)
8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.

- **Control parameters**

<table>
<thead>
<tr>
<th>Component</th>
<th>PEL (USA)</th>
<th>REL (USA)</th>
<th>TLV (USA)</th>
<th>EL (Canada)</th>
<th>EV (Canada)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1344-95-2 Calcium Silicate (10-25%)</td>
<td>Long-term value: 15* 5** mg/m³</td>
<td>Long-term value: 10* 5** mg/m³</td>
<td>Long-term value: 10 mg/m³</td>
<td>Long-term value: 10 mg/m³</td>
<td>Long-term value: 10 mg/m³</td>
</tr>
<tr>
<td></td>
<td>*total dust **respirable fraction</td>
<td>*total dust **respirable fraction</td>
<td>synthetic nonfibrous, E</td>
<td>*total dust, **respirable fraction</td>
<td>total dust</td>
</tr>
<tr>
<td>7778-18-9 calcium sulphate, natural (10-25%)</td>
<td>Long-term value: 15* 5** mg/m³</td>
<td>Long-term value: 10* 5** mg/m³</td>
<td>Long-term value: 10 mg/m³</td>
<td>Long-term value: 10 mg/m³</td>
<td>Long-term value: 10 mg/m³</td>
</tr>
<tr>
<td></td>
<td>*total dust **respirable fraction</td>
<td>*total dust **respirable fraction</td>
<td>*as inhalable fraction</td>
<td>*as inhalable</td>
<td>*inhalable</td>
</tr>
<tr>
<td>1309-37-1 Iron Oxide (&lt;10%)</td>
<td>Long-term value: 10* 15** 5*** mg/m³</td>
<td>Long-term value: 5* mg/m³</td>
<td>Long-term value: 5* mg/m³</td>
<td>Long-term value: 5* 10*** 3**** mg/m³</td>
<td>Long-term value: 5* 10** mg/m³</td>
</tr>
<tr>
<td></td>
<td>*Fume; Rouge: **Total dust, ***respirable</td>
<td>Dust &amp; fume, as Fe</td>
<td>*as respirable fraction</td>
<td>*dust &amp; fume; Rouge: *<strong>total dust</strong>**resp.</td>
<td>*respirable, including Rouge:**total dust</td>
</tr>
<tr>
<td>1305-78-8 calcium oxide (&lt;10%)</td>
<td>Long-term value: 5 mg/m³</td>
<td>Long-term value: 2 mg/m³</td>
<td>Long-term value: 2 mg/m³</td>
<td>Long-term value: 2 mg/m³</td>
<td>Long-term value: 2 mg/m³</td>
</tr>
</tbody>
</table>

(Contd. on page 5)
### 1309-48-4 Magnesium Oxide (<10%)

| PEL (USA) | Long-term value: 15 mg/m³  
|           | fume; *total particulate  
| TLV (USA) | Long-term value: 10 mg/m³  
| EL (Canada) | Short-term value: 10** mg/m³  
| EV (Canada) | Long-term value: 10 mg/m³  

- *as inhalable fraction

### 1305-62-0 Calcium Hydroxide (<5%)

| PEL (USA) | Long-term value: 15 mg/m³  
| REL (USA) | Long-term value: 5 mg/m³  
| TLV (USA) | Long-term value: 5 mg/m³  
| EL (Canada) | Long-term value: 5 mg/m³  
| EV (Canada) | Long-term value: 5 mg/m³  

- *total dust **respirable fraction

### 14808-60-7 Crystalline Silica, Quartz (<1%)

| PEL (USA) | see Quartz listing  
| REL (USA) | Long-term value: 0.05 mg/m³  
| TLV (USA) | Long-term value: 0.025 mg/m³  
| EL (Canada) | Long-term value: 0.025 mg/m³  
| EV (Canada) | Long-term value: 0.10 mg/m³  

- *respirable fraction

- **Additional information:** The lists that were valid during the creation were used as basis.

- **Exposure controls**

- **Personal protective equipment:**

- **General protective and hygienic measures:**
  Keep away from foodstuffs, beverages and feed.  
  Immediately remove all soiled and contaminated clothing.  
  Wash hands before breaks and at the end of work.  
  Store protective clothing separately.  
  Avoid contact with the eyes.

- **Breathing equipment:**
  In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air. Suitable respiratory protective device recommended.

- **Protection of hands:**

[Protective gloves image]
### Material Safety Data Sheet

**Trade name:** CP Lime

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### 9 Physical and chemical properties

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**
  - Form: Solid
  - Color: Light grey
  - Odor: Characteristic
  - Odour threshold: Not determined.

- **pH-value:** Not applicable.

- **Change in condition**
  - Melting point/Melting range: Undetermined.
  - Boiling point/Boiling range: Undetermined.

- **Flash point:** Not applicable.

- **Flammability (solid, gaseous):** Not determined.

- **Decomposition temperature:** Not determined.

- **Auto igniting:** Product is not selfigniting.

- **Danger of explosion:** Product does not present an explosion hazard.

- **Explosion limits:**
  - Lower: Not determined.
  - Upper: Not determined.

- **Vapor pressure:** Not applicable.

- **Density:** Not determined.
  - Relative density: Not determined.
  - Vapour density: Not applicable.
  - Evaporation rate: Not applicable.

- **Solubility in / Miscibility with Water:** Slightly soluble.

- **Partition coefficient (n-octanol/water):** Not determined.

- **Viscosity:**
  - Dynamic: Not applicable.
Trade name: CP Lime

(Contd. of page 6)

- Kinematic: Not applicable.
- Other information: No further relevant information available.

10 Stability and reactivity
- Possibility of hazardous reactions: No dangerous reactions known.
- Conditions to avoid: No further relevant information available.
- Incompatible materials: No further relevant information available.
- Hazardous decomposition products: No dangerous decomposition products known.
- Additional information: None

11 Toxicological information
- Information on toxicological effects:
  - Primary irritant effect:
    - on the skin: No irritant effect.
    - on the eye: Strong irritant with the danger of severe eye injury.
  - Sensitization: No sensitizing effects known.
- Carcinogenic categories
  - IARC (International Agency for Research on Cancer)
    1309-37-1 Iron Oxide 3 <10%
    14808-60-7 Crystalline Silica, Quartz 1 <1%
  - NTP (National Toxicology Program)
    14808-60-7 Crystalline Silica, Quartz K <1%
  - OSHA (Occupational Safety & Health Administration)
    None of the ingredients is listed.

12 Ecological information
- Toxicity:
  - Aquatic toxicity: No further relevant information available.
  - Persistence and degradability: No further relevant information available.
  - Behavior in environmental systems:
  - Bioaccumulative potential: No further relevant information available.
  - Mobility in soil: No further relevant information available.
- Additional ecological information:
- General notes:
  Do not allow undiluted product or large quantities of it to reach ground water, water course or sewerage system.
  Water hazard class 1 (Self-assessment): slightly hazardous for water
- Results of PBT and vPvB assessment
  - PBT: Not applicable.
  - vPvB: Not applicable.
- Other adverse effects: No further relevant information available.

(Contd. on page 8)
13 Disposal considerations

- Uncleaned packagings:
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

<p>| | |</p>
<table>
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<tr>
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<tr>
<td><strong>Class</strong></td>
<td>Void</td>
</tr>
<tr>
<td><strong>Environmental hazards:</strong></td>
<td>Not applicable.</td>
</tr>
<tr>
<td><strong>Special precautions for user</strong></td>
<td>Not applicable.</td>
</tr>
<tr>
<td><strong>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</strong></td>
<td>Not applicable.</td>
</tr>
<tr>
<td><strong>Remarks:</strong></td>
<td>This product is not a hazardous material as defined in 49 U.S. CFR Part 172. It is not defined as hazardous in the IATA Regulations, Section 4.2.</td>
</tr>
<tr>
<td><strong>UN &quot;Model Regulation&quot;:</strong></td>
<td>-</td>
</tr>
</tbody>
</table>

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**

  - **Section 313 (Specific toxic chemical listings):** None of the ingredients is listed.
  
  - **TSCA (Toxic Substances Control Act):** All ingredients are listed.

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- **Chemicals known to cause cancer:**
  14808-60-7 Crystalline Silica, Quartz <1%

- **Chemicals known to cause reproductive toxicity for females:**
  None of the ingredients is listed.

- **Chemicals known to cause reproductive toxicity for males:**
  None of the ingredients is listed.

- **Chemicals known to cause developmental toxicity:**
  None of the ingredients is listed.
Material Safety Data Sheet

Trade name: CP Lime

- **GHS label elements**
  The product is classified and labeled according to the Globally Harmonized System (GHS).
  - **Hazard pictograms** GHS05, GHS08
  - **Signal word** Danger
  - **Hazard statements**
    H315 Causes skin irritation.
    H318 Causes serious eye damage.
    H350 May cause cancer.
  - **Precautionary statements**
    P280 Wear protective gloves.
    P280 Wear eye protection / face protection.
    P305+/P351+/P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
    P310 Immediately call a poison center/doctor.
    P321 Specific treatment (see on this label).
    P308+/P313 IF exposed or concerned: Get medical advice/attention.
    P405 Store locked up.
    P501 Dispose of contents/container in accordance with local/regional/national/ international regulations.

- **Chemical safety assessment**: A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Recommended restriction of use** For professional use only
- **Date of preparation / last revision** 10/20/2015 / 3
- **Abbreviations and acronyms**:
  - Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
  - Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1
  - Carc. 1A: Carcinogenicity, Hazard Category 1A