1. Identification

1.1. Product identifier
Product Identity Cobble Commander
Alternate Names Blend of Metal Oxides

1.2. Relevant identified uses of the substance or mixture and application method
Intended use Viscosifier
Application Method See Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet
Company Name Right Turn Supply LLC
P.O. Box 132016
Spring, TX 77393, USA

Emergency
CHEMTREC (USA) (800) 424-9300
24 hour Emergency Telephone No. International +1-703-527-3887
Customer Service: NorthStar Fluid Solutions (281) 413-1939

2. Hazard(s) identification

2.1 Classification of the substance or mixture
GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2 GHS Label elements, including precautionary statements

Pictogram

Signal word Warning
Hazard Statement(s) May form combustible dust concentrations in air
Precautionary statement(s) P234- Keep only in original container.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

Combustible dust
3. Composition/information on ingredients

3.1 Substance
Synonyms: Blend of Metal Oxides

<table>
<thead>
<tr>
<th>Substances</th>
<th>CAS Number</th>
<th>PERCENT (w/w)</th>
<th>GHS Classification - US</th>
</tr>
</thead>
<tbody>
<tr>
<td>Magnesium compound</td>
<td>1309-48-4</td>
<td>20%</td>
<td>Combustible dust</td>
</tr>
<tr>
<td>Sodium compound</td>
<td>1313-59-3</td>
<td>20%</td>
<td>Combustible dust</td>
</tr>
<tr>
<td>Aluminum compound</td>
<td>1344-28-1</td>
<td>60%</td>
<td>Combustible dust</td>
</tr>
</tbody>
</table>

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard.
*The full texts of the phrases are shown in Section 16.

4. First aid measures

4.1. Description of first aid measures
General Consult a physician. Show this safety data sheet to the doctor in attendance.
Inhalation Remove victim to fresh air. Consult medical personnel.
Eyes Immediately flush with plenty of water for at least 15 minutes. Get medical attention.
Skin Wash off with soap and plenty of water. Consult a physician.
Ingestion Flush oral cavity and give one or two glasses of water to drink. If gastrointestinal symptoms develop, consult medical personnel. (Never give anything by mouth to an unconscious person).

4.2. Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labeling (see section 2.2) and/or in section 11.

4.3 Indication of any immediate medical attention and special treatment needed
Product may irritate eyes, skin, mucous membranes and upper respiratory tract with overexposure. Prolonged inhalation (chronic) of dust may result in lung damage.

5. Fire-fighting measures

5.1. Extinguishing media
Suitable for all regular extinguishing materials. Do not use high pressure water jet.

5.2. Special hazards arising from the substance or mixture
Nature of decomposition products not known.

5.3. Advice for fire-fighters
Wear self-contained breathing apparatus for firefighting if necessary.
6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Avoid creating dust. Use MSHA-NIOSH approved respirator for dusts, mists and fumes whose TLV is greater than 0.05 mg/m³. Avoid breathing vapors, mist, or gas. For personal protection see section 8.

6.2. Environmental precautions
None known.

6.3. Methods and material for containment and cleaning up
Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable close containers for disposal.

6.4 Neutralizing Chemicals
Dilute Acid.

7. Handling and storage

7.1. Precautions for safe handling
Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs. Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2.

7.2. Conditions for safe storage, including any incompatibilities
Keep container tightly closed in a dry and well-ventilated place.
Air and moisture sensitive. Keep in a dry place. Storage class (TRGS 510): Non Combustible Solids

7.3. Specific end use(s)
Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

8. Exposure controls and personal protection

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient</th>
<th>Source</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>1309-48-4</td>
<td>Magnesium compound</td>
<td>OSHA TLV</td>
<td>15 mg/m³ TWA</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Table 2 limits for air contaminants</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV</td>
<td>10 mg/m³ TWA</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Remarks</td>
<td>Upper respiratory tract irritation metal fume fever not classifiable as a human carcinogen</td>
</tr>
<tr>
<td>1313-59-3</td>
<td>Sodium compound</td>
<td>None</td>
<td>none</td>
</tr>
<tr>
<td>1344-28-1</td>
<td>Aluminum compound</td>
<td>OSHA PEL</td>
<td>15 mg/m³ TWA Total</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL</td>
<td>5 mg/m³ TWA Respirable (Al)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV</td>
<td>10 mg/m³ TWA Al</td>
</tr>
</tbody>
</table>
8.2. Exposure controls

Respiratory
Reparatory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Eyes
Use chemical splash goggles or glasses.

Skin
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove’s outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Engineering Controls
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Other Work Practices
Where splash is possible, full chemically resistant protective clothing and boots are required. Ensure that eyewash stations and safety showers are proximal to the work-station location. Do not let product enter drains.

See section 2 for further details. - [Prevention]:

9. Physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Solid, powder. White to Off-White</td>
</tr>
<tr>
<td>Odor</td>
<td>Odorless</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>10.9-11.9</td>
</tr>
<tr>
<td>Melting point / freezing point</td>
<td>&gt; 500 C</td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not known</td>
</tr>
<tr>
<td>Evaporation rate (Ether = 1)</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Carbon monoxide and carbon dioxide may form on combustion.</td>
</tr>
<tr>
<td>Upper/lower flammability or explosive limits</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor pressure (Pa)</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>No data available</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>No data available</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Insoluble</td>
</tr>
<tr>
<td>Partition coefficient n-octanol/water (Log Kow)</td>
<td>No data available</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>Not known</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity (cSt)</td>
<td>No data available</td>
</tr>
<tr>
<td>Density (lbs/gal)</td>
<td>No data available</td>
</tr>
</tbody>
</table>

9.2. Other information
No data available
10. Stability and reactivity

10.1. Reactivity
No data available

10.2. Chemical stability
Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions
No data available.

10.4. Conditions to avoid
Mixture with strong acids produces considerable heat.

10.5. Incompatible materials
Avoid contact with the following: copper, tin, zinc, aluminum, and their alloys.

10.6. Hazardous decomposition products
Will not occur. In the event of fire: see section 5.

11. Toxicological information

11.1 Information on toxicological effects

Acute Toxicity

Inhalation
No data available

Skin corrosion/irritation
No data available

Serious eye damage/eye irritation
No data available

Respiratory or skin sensitization
No data available

Germ cell mutagenicity
No data available

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present as levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
Reproductive toxicity
No data available

Specific target organ toxicity-single exposure
No data available

Specific target organ toxicity-repeated exposure
No data available

Aspiration hazard
No data available

Additional Information
Ingestion or inhalation of large quantity may cause feverish reaction and leukocytosis-diarrhea. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

12. Ecological information

12.1. Aquatic Toxicity
Please contact our office for the most up to date information.

12.2. Persistence and degradability
No data available

12.3. Bioaccumulative potential
No data available

12.4. Mobility in soil
No data available

12.5. Results of PBT and vPvB assessment
PBT/vPvB assessment not available as chemical safety assessment not required/ not conducted

12.6. Other adverse effects
When released into the soil, this material is not expected to biodegrade and may leach into groundwater.

13. Disposal considerations

13.1. Waste treatment methods

Methods Product
Do not allow residue to flow into drainage system. Waste disposal according to regulations of responsible local authority.

Contaminated packaging
Waste disposal according to regulations of responsible local authority.
14. Transport information

DOT (US)
Not regulated for transportation by DOT, TDG, IMDG, ICAO/IATA

IMDG
Not regulated for transportation by DOT, TDG, IMDG, ICAO/IATA

IATA
Not regulated for transportation by DOT, TDG, IMDG, ICAO/IATA

15. Regulatory information

SARA 302 Components
None. If no components are listed below, this product is not subject to the referenced SARA and regulations.

SARA 313 Components
None. If no components are listed below, this product is not subject to the referenced SARA and regulations.

SARA 311/312 HAZARDS
Delayed/ Chronic Health Hazard

Massachusetts Right To Know Components
Does not apply.

Pennsylvania Right To Know Components
Does not apply.

New Jersey Right to Know Components
Does not apply.
16. Other information

This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.

The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification. Buyer assumes all risk of use, storage and handling of the product in compliance with applicable Federal, State and local law and regulations. Right Turn Supply LLC makes no warranty of any kind, express or implied, concerning the accuracy of completeness of the information and data herein. The implied warranties of merchantability and fitness for a particular purpose are specifically excluded. Right Turn Supply LLC will not be liable for claims relating to any use of this product.

Emergency Overview:

Risk Classification System:

<table>
<thead>
<tr>
<th>Category</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEALTH</td>
<td>1</td>
</tr>
<tr>
<td>FLAMMABILITY</td>
<td>0</td>
</tr>
<tr>
<td>PHYSICAL</td>
<td>0</td>
</tr>
<tr>
<td>PPE</td>
<td>E</td>
</tr>
</tbody>
</table>

End of Document