SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
Product form : Article
Product name : GREENSORB (Floor Absorbent)

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

1.2.2. Uses advised against
Do not use with Hydrofluoric acid

1.3. Details of the supplier of the safety data sheet
Sorbent Green LLC
116-C Pendleton Street,
Aiken, SC 29801
USA

1.4. Emergency telephone number
Emergency number : 312-348-6293 (8:00am to 5:00pm CST United States)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification according to Regulation (EC) No. 1272/2008 [CLP]
Not classified

Classification according to Directive 67/548/EEC or 1999/45/EC
Not classified

Adverse physicochemical, human health and environmental effects
No additional information available

2.2. Label elements
Labelling according to Regulation (EC) No. 1272/2008 [CLP]
None

2.3. Other hazards
No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances
Not applicable
3.2. Mixtures

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>Classification according to Directive 67/548/EEC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quartz</td>
<td>(CAS No.) 14808-60-7 (EC no) 238-878-4</td>
<td>0-5</td>
<td>Not classified</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>Classification according to Regulation (EC) No. 1272/2008 [CLP]</th>
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<tr>
<td>Quartz</td>
<td>(CAS No.) 14808-60-7 (EC no) 238-878-4</td>
<td>0-5</td>
<td>Acute Tox. 4 (Oral), H302</td>
</tr>
</tbody>
</table>

Respirable: GREENSORB (Montmorillonite Clay) is a natural mineral containing less than 5% total crystalline silica in the form of quartz (sand). GREENSORB contains only a small amount (less than 0.1%) of respirable crystalline silica. Sampling conducted in our mining and manufacturing facilities have shown exposure levels to be below the occupational exposure limits.

Full text of R-, H- and EUH-phrases: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

- **First-aid measures general**: No special measures required.
- **First-aid measures after inhalation**: No specific first aid necessary for this route of exposure.
- **First-aid measures after skin contact**: Wash with plenty of soap and water.
- **First-aid measures after eye contact**: Rinse opened eye for several minutes under running water.
- **First-aid measures after ingestion**: Seek medical attention.

#### 4.2. Most important symptoms and effects, both acute and delayed

No additional information available

#### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- **Suitable extinguishing media**: Use extinguishing media appropriate for surrounding fire.
- **Unsuitable extinguishing media**: None.

#### 5.2. Special hazards arising from the substance or mixture

- **Fire hazard**: Not flammable.
- **Explosion hazard**: None known.
- **Reactivity**: None.

#### 5.3. Advice for firefighters

- **Protection during firefighting**: Firefighters should wear full protective gear.
SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
General measures: No special measures required.

6.1.1. For non-emergency personnel
No additional information available.

6.1.2. For emergency responders
No additional information available.

6.2. Environmental precautions
None needed.

6.3. Methods and material for containment and cleaning up
For containment: No special measures required.
Methods for cleaning up: Shovel, sweep and/or vacuum up and put in a closed container for disposal.

6.4. Reference to other sections
No additional information available.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Precautions for safe handling: No special measures required.

7.2. Conditions for safe storage, including any incompatibilities
Storage conditions: No special storage conditions required.

7.3. Specific end use(s)
Absorbent

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th>Substance</th>
<th>MAK (mg/m³)</th>
<th>Belgium Limit value (mg/m³)</th>
<th>Bulgaria OEL TWA (mg/m³)</th>
<th>France VME (mg/m³)</th>
<th>Italy - Portugal - USA ACGIH TWA (mg/m³)</th>
<th>USA IDLH (mg/m³)</th>
<th>USA NIOSH NIOSH REL (TWA) (mg/m³)</th>
<th>Spain VLA-ED (mg/m³)</th>
<th>Switzerland VME (TWA) (mg/m³)</th>
<th>The Netherlands MAC TGG 8H (mg/m³)</th>
<th>United Kingdom WEL TWA (mg/m³)</th>
<th>United Kingdom WEL STEL (mg/m³)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quartz (14808-60-7)</td>
<td>4 mg/m³ (when it contains &gt;1% or more of the substance, yearly average)</td>
<td>0.1 mg/m³</td>
<td>0.07 mg/m³</td>
<td>0.1 mg/m³ (restrictive limit)</td>
<td>0.025 mg/m³</td>
<td>50 mg/m³</td>
<td>0.05 mg/m³</td>
<td>0.1 mg/m³ (reclassified IARC group 2A to group 1)</td>
<td>0.15 mg/m³</td>
<td>0.075 mg/m³</td>
<td>0.1 mg/m³</td>
<td>0.3 mg/m³ (calculated)</td>
</tr>
</tbody>
</table>
### 8.2. Exposure controls

- **Hand protection**: None needed during normal product handling.
- **Eye protection**: Protective goggles should be worn if working in dusty conditions.
- **Skin and body protection**: Wear suitable working clothes.
- **Respiratory protection**: In case of insufficient ventilation, wear suitable respiratory equipment.

### 9.1. Information on basic physical and chemical properties

**Quartz (14808-60-7)**

<table>
<thead>
<tr>
<th>Country</th>
<th>Exposure Standard (mg/m³)</th>
<th>Value (mg/m³)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Denmark</td>
<td>Grænseværdie (langvarig)</td>
<td>0.1</td>
</tr>
<tr>
<td>Finland</td>
<td>HTP-arvo (8h)</td>
<td>0.2</td>
</tr>
<tr>
<td>Hungary</td>
<td>AK-érték</td>
<td>0.15</td>
</tr>
<tr>
<td>Ireland</td>
<td>OEL (8 hours ref)</td>
<td>0.1</td>
</tr>
<tr>
<td>Lithuania</td>
<td>IPRV (mg/m³)</td>
<td>0.1</td>
</tr>
<tr>
<td>Norway</td>
<td>Gjennomsnittsverdier (AN)</td>
<td>0.1</td>
</tr>
<tr>
<td>Norway</td>
<td>Gjennomsnittsverdier (Korttidsverdi)</td>
<td>0.3</td>
</tr>
<tr>
<td>Poland</td>
<td>NDS (mg/m³)</td>
<td>1.0</td>
</tr>
<tr>
<td>Romania</td>
<td>OEL TWA (mg/m³)</td>
<td>0.1</td>
</tr>
<tr>
<td>Slovakia</td>
<td>NPHV (priemerná)</td>
<td>0.1</td>
</tr>
<tr>
<td>Sweden</td>
<td>nivågränsärde (NVG)</td>
<td>0.1</td>
</tr>
<tr>
<td>Canada (Quebec)</td>
<td>VEMP (mg/m³)</td>
<td>0.1</td>
</tr>
<tr>
<td>Portugal</td>
<td>OEL TWA (mg/m³)</td>
<td>0.025</td>
</tr>
<tr>
<td>Portugal</td>
<td>OEL chemical category (PT)</td>
<td>A2 - Suspected Human Carcinogen</td>
</tr>
</tbody>
</table>

**9.1. Information on basic physical and chemical properties**

- **Physical state**: Solid
- **Appearance**: Granulate.
- **Colour**: Brown to buffcolored.
- **Odour**: Odourless.
- **Odour threshold**: No data available
- **pH**: No data available
- **Relative evaporation rate (butylacetate=1)**: No data available
- **Melting point**: No data available
- **Freezing point**: No data available
Boiling point : No data available
Flash point : No data available
Self ignition temperature : No data available
Decomposition temperature : Product does not self-ignite
Flammability (solid, gas) : Not flammable
Vapour pressure : No data available
Relative vapour density at 20 °C : No data available
Relative density : No data available
Density : 608.69 kg/m³ @20°C
Solubility : Insoluble.
Log Pow : No data available
Log Kow : No data available
Viscosity, kinematic : No data available
Viscosity, dynamic : No data available
Explosive properties : Product is non-explosive and non-reactive
Oxidising properties : Product is non-oxidizing
Explosive limits : No data available

9.2. Other information
No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity
None.

10.2. Chemical stability
The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions
Will not occur.

10.4. Conditions to avoid
None.

10.5. Incompatible materials
Do not use with Hydrofluoric Acid or Highly-Concentrated Hydroxide.
10.6. Hazardous decomposition products

None known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity: Not classified

Quartz (14808-60-7)

<table>
<thead>
<tr>
<th></th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 oral rat</td>
<td>500 mg/kg</td>
</tr>
<tr>
<td>ATE (oral)</td>
<td>500 mg/kg</td>
</tr>
</tbody>
</table>

Skin corrosion/irritation: Not classified
Serious eye damage/irritation: Not classified
Respiratory or skin sensitisation: Not classified
Germ cell mutagenicity: Not classified
Carcinogenicity: Not classified
Reproductive toxicity: Not classified
Specific target organ toxicity (single exposure): Not classified
Specific target organ toxicity (repeated exposure): Not classified
Aspiration hazard: Not classified

SECTION 12: Ecological information

12.1. Toxicity

No additional information available

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations: Dispose of contents/container in accordance with local/regional/national/international regulations.
SECTION 11: Toxicological information

In accordance with ADR / RID / ADNR / IMDG / ICAO / IATA

14.1. UN number
Not a dangerous good as defined in transport regulations.

14.2. UN proper shipping name
Not applicable

14.3. Transport hazard class(es)
Not applicable

14.4. Packing group
Not applicable

14.5. Environmental hazards
Not applicable

14.6. Special precautions for user

14.6.1. Overland transport
Safe for overland transport. No special precautions needed.

14.6.2. Transport by sea
Safe for transport by sea. No special precautions needed.

14.6.3. Air transport
Safe for air transport. No special precautions needed.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations
No REACH Annex XVII restrictions
Contains no REACH candidate substance

15.1.2. National regulations
No additional information available

15.2. Chemical safety assessment
No additional information available

SECTION 16: Other information

Full text of R-, H- and EUH-phrases:

<table>
<thead>
<tr>
<th>Acute Tox. 4 (Oral)</th>
<th>Acute toxicity (oral) Category 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>H302</td>
<td>Harmful if swallowed</td>
</tr>
</tbody>
</table>

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.