1. Identification

Product name: MOISTURE ABSORB 8.1OZ

Synonyms: 

CAS #: See section 3

Product code: 

Product use: HOME USE.

Manufacturer/Supplier

Manufacturer: ZHUHAI HERMESIN ENTERPRISES CO., LTD
Manufacturer Address: Building 4,No.106,Guangxin Road, Pingsha Town, Zhuhai, Guangdong, China
Contact person (E-mail): gm@hsunx.com; yin@hsunx.com
Supplier: ZHUHAI HERMESIN ENTERPRISES CO., LTD
Supplier Address: Building 4,No.106,Guangxin Road, Pingsha Town, Zhuhai, Guangdong, China
Contact person (E-mail): 
Telephone: +86-756-7751122
Fax: 
Emergency telephone Number: +86-756-8605108

2. Hazard(s) identification

GHS classification

Physical hazards: Not classified
Health hazards: Acute toxicity-oral Category 4
serious eye damage/eye irritation Category 2A

Environmental hazards: Not classified

GHS label elements

Hazard Pictograms

Signal word: Warning
Hazard statement: Harmful if swallowed. Causes serious eye irritation.

Precautionary statement

Prevention: Wash thoroughly after handling.
Do not eat, drink or smoke when using this product.
Wear eye protection/face protection.

Response: If swallowed: Call a poison center/doctor if you feel unwell.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Rinse mouth.
If eye irritation persists: Get medical advice/attention.

3. Composition / information on ingredients

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS#</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium Chloride Dihydrate</td>
<td>10035-04-8</td>
<td>100%</td>
</tr>
</tbody>
</table>

4. First-aid Measures

**First aid procedures**

**Eye contact**
Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.

**Skin contact**
Get medical aid immediately. Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.

**Inhalation**
Get medical aid immediately. Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. DO NOT use mouth-to-mouth respiration.

**Ingestion**
Do NOT induce vomiting. If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.

**Notes to physician**
Treat symptoms.

5. Fire-fighting measures

**Flammable properties**
Not available.

**Extinguishing media**

**Suitable extinguishing media**
Substance is noncombustible; use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Unsuitable extinguishing media**
Not available.

**Firefighting equipment/instructions**
In case of fire and/or explosion do not breathe dust. Protective respirator with independent air supply. According to size of fire Full protection, if necessary. Dispose of contaminated extinction water according to official regulations.

**Hazardous combustion products**
Chlorine, irritating and toxic fumes and gases.

6. Accidental release measures

**Personal precautions**
Use personal protective equipment. Avoid breathing dust. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of dust accumulating to form explosive concentrations. Dust can accumulate in low areas. For personal protection see section 8.

**Environmental precautions**
Do not let product enter drains.

**Methods for cleaning up**
Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, using the appropriate protective equipment. Avoid generating dusty conditions. Provide ventilation.
7. Handling and storage

Handling
Wash thoroughly after handling. Use with adequate ventilation. Minimize dust generation and accumulation. Do not get on skin or in eyes. Do not ingest or inhale. Wash clothing before reuse. For precautions see section 2.2.

Storage
Store in a cool, dry, well-ventilated area away from incompatible substances. Keep containers tightly closed.

8. Exposure controls / personal protection

Control parameters:

OCCUPATIONAL EXPOSURE LIMITS (OEL)

INGREDIENT DATA:
Not Available

EMERGENCY LIMITS:

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>TEEL-1</th>
<th>TEEL-2</th>
<th>TEEL-3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium Chloride Dihydrate</td>
<td>7.4 mg/m³</td>
<td>81 mg/m³</td>
<td>490 mg/m³</td>
</tr>
<tr>
<td>Calcium Chloride Dihydrate</td>
<td>3 mg/m³</td>
<td>33 mg/m³</td>
<td>200 mg/m³</td>
</tr>
<tr>
<td>Calcium Chloride Dihydrate</td>
<td>4.9 mg/m³</td>
<td>54 mg/m³</td>
<td>330 mg/m³</td>
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<tr>
<td>Calcium Chloride Dihydrate</td>
<td>5 mg/m³</td>
<td>55 mg/m³</td>
<td>330 mg/m³</td>
</tr>
</tbody>
</table>

Exposure controls:

Appropriate engineering controls: Use in a well-ventilated area.

Individual protection measures, such as personal protective equipment:

Eye / face protection
Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin protection
Wear impervious gloves and appropriate protective clothing to minimize contact with skin.

Respiratory protection
Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

General hygiene considerations
Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing.

9. Physical and chemical properties

Appearance

Physical state       Solid
Form                Crystalline beads
Color               White
Odor                Odorless
Odor threshold      Not available
pH                  5.0 - 8 at 147 g/l at 25 °C
Vapor pressure     0.01hPa at 20 °C
Melting point/Freezing point 176°C
10. Stability and reactivity

Material is stable under normal conditions.

Incompatible materials
Incompatible with boric oxide + calcium oxide, and bromine trifluoride; react with zinc to form explosive hydrogen gas; catalyzes exothermic polymerization of vinyl ether; explodes at room temperature when added to furan-2-peroxycarbolic acid; and undergoes an exothermic (heat-producing) reaction with water.

Hazardous decomposition products
Chlorine, irritating and toxic fumes and gases.

Possibility of hazardous reactions
No decomposition when used as directed.

11. Toxicological information

Non-human toxicological data: Not available

Acute toxicity:
LD50(Oral, Rat): Not available
LD50(Dermal, Rabbit): Not available
LC50(Inhalation, Rat): Not available

Skin corrosion/Irritation: Not classified.

Serious eye damage/irritation: Causes serious eye irritation.

Respiratory or skin sensitization: Not classified.

Germ cell mutagenicity: Not classified
Carcinogenicity: Not classified
Reproductive toxicity: Not classified
12. Ecological information

Toxicity:

<table>
<thead>
<tr>
<th>Acute toxicity</th>
<th>Time</th>
<th>Species</th>
<th>Method</th>
<th>Evaluation</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50</td>
<td>N/A</td>
<td>96h</td>
<td>Fish</td>
<td>OECD 203</td>
<td>N/A</td>
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<tr>
<td>EC50</td>
<td>N/A</td>
<td>48h</td>
<td>Daphnia</td>
<td>OECD 202</td>
<td>N/A</td>
</tr>
<tr>
<td>EC50</td>
<td>N/A</td>
<td>72h</td>
<td>Algae</td>
<td>OECD 201</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Persistence and degradability: Not available.
Bioaccumulative potential: Not available.
Mobility in soil: The product is soluble in water.
Results of PBT&vPvB assessment: Not available.
Other adverse effects: No known significant effects or critical hazards.

13. Disposal considerations

Disposal instructions
Dispose of contents/container in accordance with local/regional/national/international regulations.

Contaminated packaging
Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport information

DOT
Basic shipping requirements:
- UN number: Not regulated
- Proper shipping name: Not regulated
- Hazard class: Not regulated
- Packing group: Not regulated
- Environmental hazards: No

IATA
- UN number: Not regulated
- UN proper shipping name: Not regulated
- Transport hazard class(es): Not regulated
- Packing group: Not regulated
- Environmental hazards: No

IMDG
- UN number: Not regulated
- UN proper shipping name: Not regulated
- Transport hazard class(es): Not regulated
- Packing group: Not regulated
- Environmental hazards: No

15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture:
Calcium Chloride Dihydrate (10035-04-8) is found on the following regulatory lists: "US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory" List.

16. Other information, including date of preparation or last revision

HMIS® ratings
- Health: 2
- Flammability: 1
- Physical hazard: 0

NFPA ratings
- Health: 2
- Flammability: 1
- Instability: 0

Disclaimer
The information in the sheet was written based on the best knowledge and experience currently available.

Issue date
03-13-2019