# Material Safety Data Sheet

## Section 1. Chemical Product and Company Identification

<table>
<thead>
<tr>
<th>NFPA</th>
<th>HMIS</th>
<th>Personal Protective Equipment</th>
</tr>
</thead>
</table>

**Common Name/Trade Name**

Magnasweet 135

**Manufacturer**

SPECTRUM LABORATORY PRODUCTS INC.  
14422 S. SAN PEDRO STREET  
GARDENA, CA 90248

**Commercial Name(s)**

Not available.

**Synonym**

Not available.

**Chemical Name**

Not available.

**Chemical Family**

Not available.

**Chemical Formula**

Not available.

**Supplier**

SPECTRUM LABORATORY PRODUCTS INC.  
14422 S. SAN PEDRO STREET  
GARDENA, CA 90248

**Catalog Number(s)**

M3365

**CAS#**

Not available.

**RTECS**

Not available.

**TSCA**

TSCA 8(b) inventory: No products were found.

**CI#**

Not available.

**IN CASE OF EMERGENCY**

CHEMTREC (24hr) 800-424-9300  
CALL (310) 516-8000

## Section 2. Composition and Information on Ingredients

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS #</th>
<th>TWA (mg/m³)</th>
<th>STEL (mg/m³)</th>
<th>CEIL (mg/m³)</th>
<th>% by Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>1) Magnasweet 135</td>
<td>10</td>
<td>10</td>
<td>100</td>
<td>100</td>
<td></td>
</tr>
</tbody>
</table>

**Toxicological Data on Ingredients**

Not applicable.

## Section 3. Hazards Identification

**Potential Acute Health Effects**

Slightly hazardous in case of eye contact (irritant), of ingestion, of inhalation. Non-irritant for skin.

**Potential Chronic Health Effects**

CARCINOGENIC EFFECTS: Not available.  
MUTAGENIC EFFECTS: Not available.  
TERATOGENIC EFFECTS: Not available.  
DEVELOPMENTAL TOXICITY: Not available.  
Repeated or prolonged exposure is not known to aggravate medical condition.

*Continued on Next Page*
Section 4. First Aid Measures

**Eye Contact**
Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. WARM water MUST be used. Get medical attention if irritation occurs.

**Skin Contact**
Wash with soap and water. Get medical attention if irritation develops.

**Serious Skin Contact**
Not available.

**Inhalation**
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**Serious Inhalation**
Not available.

**Ingestion**
Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

**Serious Ingestion**
Not available.

Section 5. Fire and Explosion Data

**Flammability of the Product**
May be combustible at high temperature.

**Auto-Ignition Temperature**
Not available.

**Flash Points**
Not available.

**Flammable Limits**
Not available.

**Products of Combustion**
Not available.

**Fire Hazards in Presence of Various Substances**
Slightly flammable to flammable in presence of heat.

**Explosion Hazards in Presence of Various Substances**
Risks of explosion of the product in presence of mechanical impact: Not available.
Risks of explosion of the product in presence of static discharge: Not available.

**Fire Fighting Media and Instructions**
SMALL FIRE: Use DRY chemical powder.
LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

**Special Remarks on Fire Hazards**
As with most organic solids, fire is possible at elevated temperatures

**Special Remarks on Explosion Hazards**
Fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

Section 6. Accidental Release Measures

**Small Spill**
Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

**Large Spill**
Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Continued on Next Page
## Section 7. Handling and Storage

**Precautions**
- Keep away from heat.
- Keep away from sources of ignition.
- Ground all equipment containing material.
- Do not breathe dust.

**Storage**
- Keep container tightly closed.
- Keep container in a cool, well-ventilated area.

## Section 8. Exposure Controls/Personal Protection

**Engineering Controls**
- Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

**Personal Protection**
- Safety glasses are recommended. Lab coat. Respiratory protection is not required unless handling procedures produce dust and/or ventilation is inadequate and does not keep the amount of airborne dust below the exposure limits.
- Gloves are not required, but are recommended as part of good, safe laboratory practices.

**Personal Protection in Case of a Large Spill**
- Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

**Exposure Limits**
- TWA: 15 (mg/m$^3$) from OSHA (PEL) [United States] Inhalation
- TWA: 10 (mg/m$^3$) from ACGIH (TLV) [United States] Inhalation

Consult local authorities for acceptable exposure limits.

## Section 9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state and appearance</td>
<td>Solid. (Powdered solid.)</td>
</tr>
<tr>
<td>Odor</td>
<td>Practically Odorless.</td>
</tr>
<tr>
<td>Taste</td>
<td>Not available.</td>
</tr>
<tr>
<td>Color</td>
<td>White.</td>
</tr>
<tr>
<td>Molecular Weight</td>
<td>Not available.</td>
</tr>
<tr>
<td>pH (1% soln/water)</td>
<td>Not available.</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>Not available.</td>
</tr>
<tr>
<td>Melting Point</td>
<td>Not available.</td>
</tr>
<tr>
<td>Critical Temperature</td>
<td>Not available.</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>Not available.</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Not available.</td>
</tr>
<tr>
<td>Volatility</td>
<td>Not available.</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not available.</td>
</tr>
<tr>
<td>Water/Oil Dist. Coeff.</td>
<td>Not available.</td>
</tr>
<tr>
<td>Ionicity (in Water)</td>
<td>Not available.</td>
</tr>
<tr>
<td>Dispersion Properties</td>
<td>Not available.</td>
</tr>
<tr>
<td>Solubility</td>
<td>Very slightly soluble in cold water.</td>
</tr>
</tbody>
</table>

## Section 10. Stability and Reactivity Data

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stability</td>
<td>The product is stable.</td>
</tr>
<tr>
<td>Instability Temperature</td>
<td>Not available.</td>
</tr>
<tr>
<td>Conditions of Instability</td>
<td>Excess heat, dust generation</td>
</tr>
<tr>
<td>Incompatibility with various substances</td>
<td>Not available.</td>
</tr>
</tbody>
</table>

Continued on Next Page
### Section 11. Toxicological Information

<table>
<thead>
<tr>
<th>Routes of Entry</th>
<th>Inhalation. Ingestion.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toxicity to Animals</td>
<td>LD50: Not available. LC50: Not available.</td>
</tr>
<tr>
<td>Chronic Effects on Humans</td>
<td>Not available.</td>
</tr>
<tr>
<td>Other Toxic Effects on Humans</td>
<td>Slightly hazardous in case of ingestion, of inhalation. Non-irritant for skin.</td>
</tr>
</tbody>
</table>

#### Special Remarks on Toxicity to Animals
Not available.

#### Special Remarks on Chronic Effects on Humans
Not available.

#### Special Remarks on Other Toxic Effects on Humans
Acute Potential Health Effects:
- Skin: Not expected to be hazardous. Not likely to cause skin irritation. However, dust may cause skin irritation by mechanical action.
- Eyes: Not expected to be hazardous. Dust may cause eye irritation by mechanical action.
- Inhalation: Not expected to be hazardous. Dust may cause respiratory tract action by mechanical action.
- Ingestion: Not expected to be hazardous during normal industrial handling. Ingestion of very large amounts may cause gastrointestinal tract irritation with hypermotility and diarrhea. This product is based on flavoring agents taken from the roots of the licorice plant (Glycyrrhiza glabra). Ingestion of very large amounts (above 14 grams/kg of body weight) of licorice extract may affect the urinary system (kidneys), affect behavior/nervous system (muscle weakness, spastic paralysis, tetany, convulsions), heart, spleen. The toxicity is manifested primarily as hypokalemia.

Chronic Potential Health Effects:
- Ingestion: Prolonged or repeated ingestion of large quantities of licorice extract may affect the liver, and urinary system (kidneys), blood and caused weight loss/anorexia.

### Section 12. Ecological Information

<table>
<thead>
<tr>
<th>Ecotoxicity</th>
<th>Not available.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOD5 and COD</td>
<td>Not available.</td>
</tr>
<tr>
<td>Products of Biodegradation</td>
<td>Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.</td>
</tr>
<tr>
<td>Toxicity of the Products of Biodegradation</td>
<td>Not available.</td>
</tr>
</tbody>
</table>

#### Special Remarks on the Products of Biodegradation
Not available.

*Continued on Next Page*
### Section 13. Disposal Considerations

**Waste Disposal**

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

### Section 14. Transport Information

<table>
<thead>
<tr>
<th>DOT Classification</th>
<th>Not a DOT controlled material (United States).</th>
</tr>
</thead>
<tbody>
<tr>
<td>Identification</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Special Provisions for Transport</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>DOT (Pictograms)</td>
<td>![No DOT Classification Pictogram]</td>
</tr>
</tbody>
</table>

### Section 15. Other Regulatory Information and Pictograms

#### Federal and State Regulations

No products were found.

#### California Proposition 65 Warnings

California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: No products were found.

California prop. 65: This product contains the following ingredients for which the State of California has found to cause birth defects which would require a warning under the statute: No products were found.

#### Other Regulations

Not available.

#### Other Classifications

<table>
<thead>
<tr>
<th>Other Classifications</th>
<th>WHMIS (Canada)</th>
<th>DSCL (EEC)</th>
<th>HMIS (U.S.A.)</th>
<th>WHMIS (Canada) (Pictograms)</th>
<th>DSCL (Europe) (Pictograms)</th>
<th>TDG (Canada) (Pictograms)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Not controlled under WHMIS (Canada).</td>
<td>This product is not classified according to the EU regulations.</td>
<td></td>
<td>![Health Hazard Pictogram]</td>
<td>![Flammability Pictogram]</td>
<td>![Specific Hazard Pictogram]</td>
</tr>
</tbody>
</table>

**continued on next page**
Magnasweet products are flavorings based on GRAS flavoring agents taken from the roots of licorice plant (Glycyrrhiza glabra).

Not applicable.

Lab coat.

Not applicable.

Safety glasses.

Section 16. Other Information

MSDS Code

M2337

References

Not available.

Other Special Considerations

Magnasweet products are flavorings based on GRAS flavoring agents taken from the roots of licorice plant (Glycyrrhiza glabra).


Verified by Sonia Owen.

CALL (310) 516-8000

Printed 9/12/2006.

Notice to Reader

All chemicals may pose unknown hazards and should be used with caution. This Material Safety Data Sheet (MSDS) applies only to the material as packaged. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this MSDS. It shall be the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this MSDS is based on technical data judged to be reliable, Spectrum Quality Products, Inc. assumes no responsibility for the completeness or accuracy of the information contained herein.