### Section 1: Identification

- **Product Name:** SBC Helix OA
- **Synonyms:** None Known
- **Product Use:** Liquid Adjuvant
- **Manufacturer/Supplier:** Soil Basics Corporation
- **Address:** 17014 Avenue 296, Visalia, CA 93292
- **General Information:** (559) 651-2772
- **Emergency Phone Number:** (888) 769-9266

### Section 2: Hazard Identification

- **Signal Word:** Warning
- **Hazard Statement:**
  - **Skin Irritation:** May cause mild irritation
  - **Eye Irritation:** May cause mild irritation
  - **Ingestion:** Causes irritation to the digestive and respiratory tract

### Section 3: Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS Number</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blend of proprietary plant nutrients</td>
<td>Proprietary</td>
<td>100</td>
</tr>
</tbody>
</table>

### Section 4: First Aid Measures

- **Emergency First Aid:**
  - **Inhalation:** Cannot be inhaled.
  - **Skin:** Mild irritation. Rinse skin immediately with water.
  - **Eye:** Wash with tempered water for 15 minutes. Do not rub eyes.
  - **Ingestion:** Causes irritation to the digestive and respiratory tract. Drink plenty of water or fruit juice. Call doctor immediately. Do not induce vomiting.

### Section 5: Fire Fighting Measures

- **Suitable extinguishing media:** No specific firefighting procedures noted
- **Specific hazards arising from the chemical:** None
- **Special protective equipment and precautions for fire fighters:** No specific recommendation made, but respiratory protection may be required under exceptional circumstances when excessive air contamination exists.

### Section 6: Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures:** Before using, repairing or providing maintenance of contaminated equipment, drain and rinse with water. No unusual requirements for hygienic practices.
- **Environmental Precautions:** Do not contaminate the waterways.
- **Methods and materials for containment and cleaning up:** Spill response: confine the spill into a dike area or sump if possible. Recover as much of the liquid as possible. Do not allow run-off into sewer systems.
## Section 7: Handling and Storage

Precautions for safe handling:
- Refer to Section 8 for personal protective equipment.

Conditions for safe storage, including any incompatibilities:
- Ambient storage temperature, unlimited shelf life. In handling and storage, keep separate from acids.

## Section 8: Exposure Controls / Personal Protection

Control parameters: None

Engineering Controls: Not applicable

Individual protection measures, such as personal protective equipment:
- No respiratory protection required. Use suitable protective rubber or plastic gloves to avoid prolonged or repeated skin contact. Goggles or face shield for eye protection. Emergency eye wash and safety shower is recommended for other protective equipment. No ventilation methods required.

## Section 9: Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>2.4</td>
</tr>
<tr>
<td>Color</td>
<td>Brown</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>None</td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>N/A</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>N/A</td>
</tr>
<tr>
<td>Upper/lower flammability or explosive limits</td>
<td>Not determined</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>N/A</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.08</td>
</tr>
<tr>
<td>Relative density</td>
<td>N/A</td>
</tr>
<tr>
<td>Partition coefficient n-octanol/water</td>
<td>N/A</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>None</td>
</tr>
<tr>
<td>Viscosity</td>
<td>N/A</td>
</tr>
</tbody>
</table>

## Section 10: Stability and Reactivity

Reactivity: Unknown

Chemical stability: Stable under normal conditions

Possibility or hazardous reactions: No dangerous reactions known

Conditions to avoid (e.g. static discharge, shock or vibration):
- Excessive heat or contact with acids

Incompatible materials:
- Acids and heat

Hazardous decomposition products: None

## Section 11: Toxicological Information

Information on the likely routes of exposure:
- Body contact is most likely route.

Inhalation: None

Skin Contact: Could be a route

Symptoms related to characteristics of:
- No symptoms aggravated by exposure

Physical: None

Toxicological: None

Immediate effects: None determined

Chronic effects from short term exposure: None determined

Numerical measures of toxicity: None determined

Ingestion: None

Eye contact: Could be a route

Chemical: None

Delayed effects: None determined

Chronic effects from long term exposure: None determined
### Section 12: Ecological Information

Ecotoxicity (aquatic and terrestrial, where available):
- May be harmful to aquatic life

Persistence and degradability:
- No further information available

Bioaccumulative potential:
- No further information available

Mobility in the soil:
- No further information available

Other adverse effects:
- Hazardous for water; keep out of waterways.

### Section 13: Disposal Information

Waste disposal methods:
- Reclaim and reuse as much as possible. Do not allow material to reach sewer system.
- Dispose in accordance with local, state and federal regulations.

### Section 14: Transport Information

UN proper shipping name:
- Non-regulated material

UN Number:
- Non-regulated material

Transport Hazard Class:
- Not a DOT hazardous material

Packing group:
- Not applicable

Environmental hazards:
- No information found
- Trucks, tanks, mini-bulks, drums, buckets

Transport in Bulk (according to Annex II of MARPOL 73/78 and the IBC Code):
- None determined at this time

Special precautions which a user needs to be aware of, or needs to comply with:

### Section 15: Regulatory Information

Safety, health and environmental regulations:
- No additional regulatory information applicable. Refer to sections 11, 13, 14

### Section 16: Other Information

Emergency Overview:
- Product is a brown aqueous solution. Product is irritating to the eyes. Inhalation of mists and vapors should be avoided, as it may be irritating to the respiratory system.

Miscellaneous Information:
- Use with caution and according to specifications on manufacturer’s label. SDS may not fully reflect manufacturer’s recommendations. Containers will contain residues of the product. Do not re-use containers for any purpose other than transporting, storing, or mixing of fertilizers. The information accumulated herein is believed to be accurate but is not warranted to be whether origination with the company or not. Recipients are advised to confirm in advance of need that they information is current, applicable, and suitable to their circumstances.

Date of preparation/revision:
- June 1, 2016