1. Product and Company Identification

1.1 Product identifier

Product name: Foliar Pak® Colonise™ Bio LTO 4-0-2
Trade name and synonyms: Fertilizer Supplement and Soil Amendment

1.2 Relevant uses of the substance and uses advised against

Identified uses: Fertilizer and in blending applications
Uses advised against: No available data

1.3 Details of the supplier of the SDS

Company name: ENP Investments, LLC
Address: Box 618
2001 West Main Street
Mendota, IL. 61342
Telephone: 1-800-255-4906
Fax: 1-815-538-6981
Email address: order@foliarpak.com

1.4 Emergency telephone number
1-815-539-7471 (business hours)

2. Hazards Identification

2.1 OSHA/HCS status
This material is considered non-hazardous by the OSHA Hazard Communication Standard (29 CFR 1910. 1200).

2.2 Classification of substance or mixture
Classified as nonhazardous in accordance with current laws.

2.3 GHS Label elements
Not available

2.4 Signal word (GHS-US)
Not available

2.5 Hazard statements (GHS-US)
May cause mild eye and skin irritation

2.6 Other hazards
Not available

2.7 Precautionary Statements
(a.)Prevention: Use appropriate personal protective equipment (PPE) i.e. gloves and safety goggles.
(b.)Response: IF IN EYES: Rinse cautiously with water for several minutes. If eye irritation persists, seek medical attention. IF ON SKIN: Wash with plenty of soap and water.
(c.)Storage: Store in original container out of reach of children.
(d.)Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations.
(e.)Hazards not otherwise classified: None known.
3. Composition/information on ingredients

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Common Name</th>
<th>CAS number</th>
<th>Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soy Protein Hydrolysate</td>
<td></td>
<td>68607-88-5</td>
<td>Proprietary formulation as allowed by</td>
</tr>
<tr>
<td>Black Strap Molasses</td>
<td></td>
<td>69476-78-6</td>
<td>29CFR 1910. 1200 (d) 1</td>
</tr>
<tr>
<td>Extract of Ascophyllum nodosum</td>
<td>Seaweed Extract</td>
<td>84775-78-0</td>
<td>No limits established</td>
</tr>
<tr>
<td>Humic Acid</td>
<td>Vitamin B-1</td>
<td>1415-93-6</td>
<td></td>
</tr>
<tr>
<td>Thiamine Hydrochloride Polyols</td>
<td>Sorbitol</td>
<td>67-03-8</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>50-70-8</td>
<td></td>
</tr>
</tbody>
</table>

4. First Aid Measures

4.1 Description of necessary first aid measures

Inhalation: No known significant effects or critical hazards.
Skin contact: Wash with water, if itching and redness persist. Seek medical attention.
Eye contact: Flush eyes with water; continue flushing for at least 15 minutes.
Ingestion: Rinse mouth with water. For heavy ingestion of material, consult health care professionals if diarrhea, or stomach cramps persist.

5. Fire Fighting Measures

5.1 Extinguishing media

(a.) Suitable Extinguishing media:
Extinguish with water, fog, foam, and/or carbon dioxide.
(b.) Unsuitable Extinguishing media:
Avoid direct stream of water to extinguish.

5.2 Special Protective Equipment for firefighters
Firefighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face piece operating in positive pressure mode.

5.3 General fire hazards
This product is not flammable.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment, and emergency procedures
Use appropriate personal protective equipment (PPE) i.e. gloves and safety goggles.

6.2 Environmental Precautions
Prevent further leakage or spillage if safe to do so. Do not allow to enter drains, sewers, or watercourses.

6.3 Methods and materials for containment and cleaning up
No specialized clothing or material required. Contain spill. May be cleaned up and disposed of in accordance with State and Federal regulations.

7. Handling and Storage

7.1 Precautions for safe handling
No personal protection is required. Standard safe handling procedures should be used. Protective gloves and safety glasses are recommended.

7.2 Conditions for safe storage, including any incompatibilities
Store in dry place and protect from freezing. Keep container closed when not in use.
8. Exposure Controls / Personal Protection

8.1 Occupational exposure limits
Not available

8.2 Individual protection measures

<table>
<thead>
<tr>
<th>Respiratory Protection</th>
<th>Ventilation</th>
<th>Protective Gloves</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not required</td>
<td>No special requirements</td>
<td>Chemical resistant rubber gloves</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Eye Protection</th>
<th>Other Equipment</th>
<th>Work / Hygienic Practices</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical goggles</td>
<td>Eye wash and safety shower in work area.</td>
<td>Avoid contact with eyes, skin, and garments. Wash thoroughly after</td>
</tr>
</tbody>
</table>

9. Physical and chemical properties

Appearance  Dark Brown Colored Liquid  
Physical State  Liquid  
Form  Liquid  
Color  Dark Brown  
Odor  Light odor  
Odor threshold  Not available  
pH  7.0 – 7.5  
Salt-Out / Crystallization Temp  Not available  
Melting Point / Freezing Point  Not available  
Initial boiling point and boiling point range  Not available  
Flash point  Not available  
Evaporation rate  Not available  
Flammability (solid, gas)  N/A  
Upper/lower flammability or explosive limits  Not available  
Flammability limit-lower (%)  Not available  
Flammability limit-upper (%)  Not available  
Explosive limit-lower (%)  Not available  
Explosive limit-upper (%)  Not available  

Vapor pressure  Not available  
Vapor density  Not available  
Relative density  Not available  
Specific Gravity  1.17  
Pounds per Gallon  9.8 lbs.  
Solubility(ies)  100%  
Partition coefficient (n-octanol/water)  Not available  
Auto-ignition temperature  Not available  
Decomposition temperature  Not available  
Viscosity  Not available  
Other information.  
Bulk density  N/A  
pH in aqueous solution  Not available  

10. Stability and Reactivity

Reactivity  This product is stable and non-reactive under normal conditions of use, storage, and transport.  
Chemical stability  This product is stable under normal conditions.  
Possibility of hazardous reactions  Not available  
Conditions to avoid  Temperatures below freezing (<32°F/0°C)  
Hazardous decomposition products  Under normal conditions of storage and use, hazardous decomposition products should not be produced.
11. Toxicological information

11.1 Information on likely routes of exposure

Inhalation: No known significant effects or critical hazards.
Skin contact: Prolonged skin contact may cause slight irritation.
Eye contact: Exposure may cause slight irritation.
Ingestion: May cause discomfort if swallowed.

11.2 Further Information

If exposure causes irritation, refer to first aid measures in section 4.

12. Ecological information

12.1 Toxicity
Not available

12.2 Persistence – degradability
Not available

12.3 Potential for bioaccumulation
Not available

12.4 Mobility in soil
This product is water soluble and may disperse in soil.

12.5 Other adverse effects
Not available

13. Disposal considerations

13.1 Disposal methods
Dispose in accordance with current local, state, and federal regulations.

13.2 Contaminated packaging
Single use containers may retain product residue. Empty containers should be rinsed prior to disposal in accordance with current local, state, and federal regulations.

14. Transportation information

This product is not subject to transportation regulations.

15. Regulatory information

This product is not subject to regulations.

16. Other information, including date of preparation and/or revision

16.1 Other information

16.2 Date of Preparation and/or revision

<table>
<thead>
<tr>
<th>Effective Date</th>
<th>Revision Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>7/25/18</td>
<td></td>
</tr>
</tbody>
</table>

This information contained herein is based on the present state of our knowledge. It characterizes this product with regard to the appropriate safety precautions. Product specifications contained in this SDS represent typical results of normal production.