SECTION 1 - PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

Manufacturer:
Supplier: K.I.N.G. Nutrients Global inc.
865-A Blvd. Monseigneur Langlois, Valleyfield, Quebec, J6S 1B8
Tel: 1.800.663.3429  Fax: 450.373.3518
EMERGENCY PHONE: CANUTEC 613.996.6666

SECTION 2 - MATERIAL IDENTIFICATION AND INFORMATION

<table>
<thead>
<tr>
<th>CAS#</th>
<th>Chemical Name</th>
<th>%</th>
<th>OSHA PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not listed</td>
<td>Water / H2O</td>
<td>99%</td>
<td>None Estb.</td>
</tr>
<tr>
<td>Not listed</td>
<td>Microbial Organisms *</td>
<td>&lt;1%</td>
<td>None Estb.</td>
</tr>
<tr>
<td>Not listed</td>
<td>Monomorphic Molds **</td>
<td>&lt;1%</td>
<td>None Estb.</td>
</tr>
<tr>
<td>Not listed</td>
<td>Mineral / Nutrients</td>
<td>&lt;1%</td>
<td>None Estb.</td>
</tr>
</tbody>
</table>

SECTION 3 - HAZARDS IDENTIFICATION

Emergency overview: Product testing has not indicated any adverse effects when it has come into contact with skin or eyes. Inhalation and ingestion have not shown any side effects that are health issues.

Potential chronic health effects: No known significant effects or critical hazards.
* Product contains bacteria commonly found in the environment
** Product contains common molds of the monomorphic classification
*** Minerals included to sustain microbial organisms

SECTION 4 - FIRST AID MEASURES

Skin contact: Wash affected areas with anti-bacterial soap and water.
Eyes contact: Wash eyes immediately with significant amounts of water
Inhalation: Remove to fresh air.
Ingestion: Drink 2-4 glasses of water.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Points: Non-flammable
Means of Extinction: This product does not support combustion
Fire-fighting equipment: None.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Spills and Releases: Small spill: Dilute with water.
                  Large spill: Dilute with water.
Waste disposal: Dispose of waste via licensed waste disposal contractor.

SECTION 7 - HANDLING AND STORAGE

Handling and spills procedures: Avoid breathing vapors or spray.
Storage procedures: Keep container closed avoid freezing or exposure to excessive heat.
SECTION 8 - EXPOSURE CONTROL PERSONAL PROTECTION

Engineering measures: No special measure are necessary.
Hygiene measures: Normal hygiene measures are adequate.
Personal protective equipment:
- Eyes: Safety glasses are recommended.
- Gloves: Recommended latex or butyl.
- Respiratory: Minimum of dust or mist respirator recommended for sensitive individuals.

SECTION 9 - PHYSICAL/CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling point</td>
<td>100°C</td>
</tr>
<tr>
<td>Vapour Pressure</td>
<td>No date established</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>100% soluble at 25°C</td>
</tr>
<tr>
<td>Melting Point</td>
<td>No date established</td>
</tr>
<tr>
<td>Appearance and Odor</td>
<td>Light orange. No discernible odor.</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>.997</td>
</tr>
<tr>
<td>Freezing point</td>
<td>0°C</td>
</tr>
<tr>
<td>PH</td>
<td>3.8</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Butyl acetate = 1</td>
</tr>
<tr>
<td>Physical state</td>
<td>Liquid</td>
</tr>
</tbody>
</table>

SECTION 10 - STABILITY AND REACTIVITY

Chemical stability: Stable under normal conditions.
Incompatibility: Do not mix with pesticides of herbicides.
Reactivity: None experienced.
Conditions to avoid: Freezing or extreme heat.

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute exposure: None identified.
Chronic exposure: None identified.
Skin Sensitization: None identified.

SECTION 12 - ECOLOGICAL INFORMATION

Aquatic toxicity: This product is harmful to the environment.
Biodegradability: This product is absorbed into the soil and plants with no side effects known.

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste disposal: Product is not toxic but care should be taken to dispose of unused and unwanted product in a manner that is in accordance with any existing federal, state or local regulations and should not be poured into public sewer systems.

SECTION 14 - TRANSPORT INFORMATION

DOT Classification: Not regulated.
TDG Classification: Not regulated.

SECTION 15 - REGULATORY INFORMATION

HCS Classification: Not regulated.
OSHA: Not regulated.
TSCA: Not regulated.

SECTION 16 - OTHER INFORMATION

Date of issue: May 16, 2012.

To the best of our knowledge, the information provided in the sheet is accurate as of the date of issue and must not be considered all inclusive. The information it contains is being given for safety guidance purposes and relates only to this specific material. This information does not necessarily apply to that material when combined with other material(s) or when used otherwise that prescribed by product directions. This sheet is provided without any warranty expressed or implied, including merchantability or fitness for any particular purpose.