SECTION 1: Identification

1.1. Identification
Product name: Soluble Humic Acid
Chemical description: potassium humate, humic acid

1.2. Relevant identified uses of the substance or mixture and uses advised against
Use of the substance/mixture: Fertilizers

1.3. Details of the supplier of the safety data sheet
Mycsa AG, Inc
3006 JCS Industrial Dr.
Brownsville, TX 78526
www.mycsainc.com

1.4. Emergency telephone number
Emergency number: Contact your local emergency response services.

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture
GHS-US classification
Not classified

2.2. Label elements
GHS-US labeling
No labeling applicable

2.3. Other hazards
No additional information available

2.4. Unknown acute toxicity (GHS US)
Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substance
Not applicable

3.2. Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>GHS-US classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Humic acid</td>
<td>None</td>
<td>100</td>
<td>Not classified</td>
</tr>
</tbody>
</table>

Full text of classification categories and H statements: See section 16

SECTION 4: First aid measures

4.1. Description of first aid measures
First-aid measures after inhalation: Get medical aid immediately. Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
First-aid measures after skin contact: Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.
First-aid measures after eye contact: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.
First-aid measures after ingestion: If victim is conscious and alert, give 2-4 cups of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.

4.2. Most important symptoms and effects, both acute and delayed
Symptoms/injuries after inhalation: Dust can cause irritation to the respiratory tract mucus membrane, sneezing and coughing.
Soluble Humic Acid
Safety Data Sheet

4.3. Indication of any immediate medical attention and special treatment needed
No additional information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media
Suitable extinguishing media : Water, CO2, fire-extinguishing foam.
Unsuitable extinguishing media : None.

5.2. Special hazards arising from the substance or mixture
Fire hazard : Non-combustible.
Explosion hazard : None known.

5.3. Advice for firefighters
Protection during firefighting : Firefighters should wear full protective gear.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
6.1.1. For non-emergency personnel
No additional information available.
6.1.2. For emergency responders
No additional information available.
6.2. Environmental precautions
Prevent entry to sewers and public waters.
6.3. Methods and material for containment and cleaning up
For containment : Stop the flow of material, if this is without risk.
Methods for cleaning up : Avoid creating dust when cleaning up. Scoop, shovel or sweep to labeled containers for recycling/salvage if not contaminated by other material. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Dispose of product in accordance with local and national regulation.

6.4. Reference to other sections
No additional information available.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Precautions for safe handling : Avoid inhaling dust. Avoid contact with eyes, skin and clothing. If dusting occurs use approved respirator to eliminate exposure.

7.2. Conditions for safe storage, including any incompatibilities
Storage conditions : Storage area should be cool and dry, out of direct sunlight.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters
No additional information available.
8.2. Exposure controls
Appropriate engineering controls : Exhaust fan recommended in controlling any dusting.
Hand protection : Wear appropriate protective gloves to prevent skin exposure.
Eye protection : Splash goggles recommended where dusting is expected.
Skin and body protection : Wear suitable working clothes.
### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Solid</td>
</tr>
<tr>
<td>Appearance</td>
<td>Powder, granule or flakes</td>
</tr>
<tr>
<td>Color</td>
<td>Black</td>
</tr>
<tr>
<td>Odor</td>
<td>Not distinctive</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>9-11</td>
</tr>
<tr>
<td>Melting point</td>
<td>&gt; 3000 °C</td>
</tr>
<tr>
<td>Freezing point</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative evaporation rate (butyl acetate=1)</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative vapor density at 20 °C</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>No data available</td>
</tr>
<tr>
<td>Specific gravity / density</td>
<td>0.47</td>
</tr>
<tr>
<td>Solubility</td>
<td>Completely soluble</td>
</tr>
<tr>
<td>Log Pow</td>
<td>No data available</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosion limits</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>No data available</td>
</tr>
</tbody>
</table>

#### 9.2. Other information

No additional information available.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No additional information available.

#### 10.2. Chemical stability

The product is stable at normal handling and storage conditions.

#### 10.3. Possibility of hazardous reactions

Will not occur.

#### 10.4. Conditions to avoid

Dust generation.

#### 10.5. Incompatible materials

Contact w/ strong oxidizing agents.

#### 10.6. Hazardous decomposition products

Carbon monoxide, carbon dioxide.
SECTION 11: Toxicological information

11.1. Information on toxicological effects

- Acute toxicity: Not classified
- Skin corrosion/irritation: Not classified
- Serious eye damage/irritation: Not classified
- Respiratory or skin sensitization: Not classified
- Germ cell mutagenicity: Not classified
- Carcinogenicity: Not classified
- Reproductive toxicity: Not classified
- Specific target organ toxicity (single exposure): Not classified
- Specific target organ toxicity (repeated exposure): Not classified
- Aspiration hazard: Not classified

SECTION 12: Ecological information

12.1. Toxicity

No additional information available.

12.2. Persistence and degradability

No additional information available.

12.3. Bioaccumulative potential

No additional information available.

12.4. Mobility in soil

No additional information available.

12.5. Other adverse effects

Effect on the global warming: No known effects from this product.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations: Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

No additional information available.

15.2. US State regulations

No additional information available.

SECTION 16: Other information

We do not accept liability for loss, injury, or damage which may result from misuse. Data is solely for guidance purposes of safe handling and uses. We encourage users to conduct their own testing best suited for their purposes under their conditions.