SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

1.1. Product identifier
   Product code: U7P886
   Product name: AGITAN® P 886

1.2. Relevant identified uses of the substance or mixture and uses advised against
   Recommended Use: Anti-foaming agent (defoamer)

1.3. Details of the supplier of the safety data sheet
   Manufacturer: Munzing - Ultra Additives LLC.
   Address: 1455 Broad Street
   Bloomfield NJ 07003
   United States
   Email: info@munzing.us
   Phone: 1-973-279-1306

1.4. Emergency telephone number
   CHEMTREC (24 hrs - for spill, leak or transportation incidents):
   US: 1-800-424-9300
   non-US: 1-703-527-3887
   EU: +49 761 19240 (VIZ Freiburg)

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture
   Classification according to Directive 67/548/EEC or 1999/45/EC.

2.2. Label Elements
   Symbol: Not dangerous
   R-phrases: This product does not require any hazard labelling
   S-phrases: This product does not require any hazard labelling

2.3. Other hazards
   Results of PBT and vPvB assessment
   PBT: Not applicable
   vPvB: Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures
   Chemical nature of the product: Blend of glycols with an inorganic carrier
Section 4: FIRST AID MEASURES

4.1. Description of first aid measures

Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.

Skin Contact: Wash off with soap and water.

Ingestion: Rinse mouth with water.

Inhalation: Move victim to fresh air. If symptoms persist, call a physician.

4.2. Most important symptoms and effects, both acute and delayed

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate medical attention is not required.

Notes to Physician: No information available.

Section 5: FIRE FIGHTING MEASURES

5.1. Extinguishing media

In case of fire, use water/water spray/water jet/carbon dioxide/sand/foam/alcohol resistant foam/chemical powder for extinction.

5.2. Special hazards arising from the substance or mixture

POTENTIAL DUST EXPLOSION HAZARD. Static electricity may accumulate and ignite suspended dust. Ground/bond container and receiving equipment.

5.3. Advice for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Remove all sources of ignition. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Ensure adequate ventilation. Avoid breathing dust. Avoid exceeding of the given occupational exposure limits (see section 8).

6.2. Environmental precautions

Prevent further leakage or spillage if safe to do so.

6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

Sweep up or vacuum up spillage and collect in suitable container for disposal

6.4. Reference to other sections

Use personal protection recommended in Section 8

Section 7: HANDLING AND STORAGE
7.1. Precautions for safe handling
Handle in accordance with good industrial hygiene and safety practice. Fine dust dispersed in air may ignite. Take precautionary
measures against static discharges. Avoid dust formation in confined areas. Do not breathe vapours/dust.

7.2. Conditions for safe storage, including any incompatibilities
Keep container tightly closed. Avoid moisture. Keep at temperatures between 15 and 25 °C.

7.3. Specific end use(s)
1.2. Relevant identified uses of the substance or mixture and uses advised against

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Section 8: EXPOSURE CONTROLS/PERSONAL Protection

8.1. Control parameters
Engineering Controls
Ensure adequate ventilation, especially in confined areas.

<table>
<thead>
<tr>
<th>Component</th>
<th>EU</th>
<th>United Kingdom</th>
<th>France</th>
<th>Spain</th>
<th>Germany</th>
</tr>
</thead>
<tbody>
<tr>
<td>Limestone /Calcium carbonate.</td>
<td></td>
<td>TWA: 10 mg/m³</td>
<td>TWA: 4 mg/m³</td>
<td>VME: 10 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Silicon Dioxide - hydrated</td>
<td></td>
<td>TWA: 2.4 mg/m³</td>
<td>TWA: 6 mg/m³</td>
<td></td>
<td>MAK: 4 mg/m³</td>
</tr>
</tbody>
</table>

8.2. Exposure controls
Personal Protective Equipment:
Respiratory protection
Respirator must be worn if exposed to dust. If exposure limits are likely to be exceeded or if
irritation or other symptoms are experienced, NIOSH/MSHA or EN 136 approved
respiratory protection should be worn.
Eye Protection
Tight sealing safety goggles.
Skin protection
Wear suitable protective clothing and gloves.

General Hygiene Considerations
Handle in accordance with good industrial hygiene and safety practice. Take off
contaminated clothing and wash before reuse.

Environmental exposure controls
No information available.

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Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties
Typical properties provided; These values do not represent product specifications.

Appearance
white
Physical State
Powder
Odor
Slight
pH
8.3  (20 g/L)@20C ( ISO 976)
Flash point
Not combustible
Autoignition temperature
No information available
Boiling point
No information available
Melting point
No information available
Flammability
No information available
Explosive properties
Product is not explosive, however, formation of explosive air/ dust mixtures are possible.
Specific gravity
No information available
Solubility (water)
Partly miscible
Vapor pressure
No information available
Density
No information available
Oxidizing properties
not an oxidizer
VOC content (%)
No information available
Solid content (%) 100
Viscosity
No information available
Solvent content (%) 0.0
9.2. Other information
None.

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity
Stable under normal conditions.

10.2. Chemical stability
Stable under normal conditions

10.3. Possibility of hazardous reactions
None under normal processing.

10.4. Conditions to avoid
Avoid dust formation. Avoid dust accumulation in enclosed space. Temperatures above 500 °C.

10.5. Incompatible materials
Strong oxidizing agents.

10.6. Hazardous decomposition products
Thermal decomposition can lead to release of irritating and toxic gases and vapors. Carbon oxides. Silicon dioxide.

Section 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute Toxicity

Product Information
Information given is based on data on the components and the toxicology of similar products.

<table>
<thead>
<tr>
<th>Component</th>
<th>LD50 Oral</th>
<th>LD50 Dermal</th>
<th>LC50 Inhalation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Limestone /Calcium carbonate.</td>
<td>6450 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Silicon Dioxide - hydrated</td>
<td>&gt;5000 mg/kg (Rat)</td>
<td>&gt;2000 mg/kg (Rabbit)</td>
<td>&gt;0.139 mg/L (14h) (Rat)</td>
</tr>
<tr>
<td>Polyalkylene glycol</td>
<td>&gt; 2000 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Chronic Toxicity

Carcinogenicity
This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP

Irritation
Respiratory irritation. Eye irritation.

Sensitization
No known effect.

Neurological Effects
No information available.

Mutagenic effects
No information available.

Reproductive Effects
No information available.

Developmental Effects
No information available.

Target Organ Effects
No information available.

Other adverse effects
None known.

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity
Information given is based on data on the components and the toxicology of similar products

<table>
<thead>
<tr>
<th>Component</th>
<th>Algae</th>
<th>Fish</th>
<th>Toxicity to Microorganisms</th>
<th>Daphnia magna</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silicon Dioxide - hydrated</td>
<td>EC50 (72 h) = 440 mg/L (Selenastrum capricornutum)</td>
<td>LC50: &gt;10000 96h (Brachydanio rerio)</td>
<td>-</td>
<td>EC50 (24 h) &gt;1000 mg/L</td>
</tr>
<tr>
<td>Polyalkylene glycol</td>
<td>-</td>
<td>LC50 (96h): &gt;100 mg/L (Rainbow trout)</td>
<td>&gt;1000 mg/L</td>
<td>EC50 (48 h): &gt; 100 mg/L</td>
</tr>
</tbody>
</table>

12.2. Persistence and degradability
Not readily biodegradable.
12.3. Bioaccumulative potential  
No information available

12.4. Mobility in soil  
No information available

12.5. Results of PBT and vPvB assessment  
No information available

12.6. Other adverse effects  
No information available.  
Is not likely mobile in the environment due its low water solubility.

### Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods  
- **Waste from residues/unused products**: Can be incinerated, when in compliance with local regulations.  
- **Contaminated packaging**: Empty containers should be taken for local recycling, recovery or waste disposal.  
- **Waste codes / waste designations according to EWC / AVV**: No information available.  
- **Other information**: According to the European Waste Catalogue, Waste Codes are not product specific, but application specific.

### Section 14: TRANSPORT INFORMATION

ADR/RID  
Not regulated

14.1. UN number  
Not applicable

14.2. UN proper shipping name  
Not applicable

14.3. Transport hazard class(es)  
Not applicable

14.4. Packing group  
Not applicable

14.5. Environmental hazards  
Not applicable

14.6. Special precautions for user  
Not applicable

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code  
Not applicable

**Special Transport Requirements**

ICAO/IATA  
Not regulated

IMDG/IMO  
Not regulated

### Section 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture  

**WGK Classification (VwVwS)**  
Water endangering class = 1 (self estimation)

15.2. Chemical safety assessment  
Chemical safety assessments for substances in this preparation were not carried out.

**International Inventories**  
All of the components in the product are on the following Inventory lists

- **Canada (DSL)**: Complies
- **China (IECSC)**: Complies
- **Europe (EINECS/ELINCS/NLP)**: Complies
- **Japan (METI)**: Complies
- **South Korea (KECL)**: Complies
- **Philippines (PICCS)**: Complies
Section 16: OTHER INFORMATION

Full text of R-phrases referred to under sections 2 and 3
Not applicable

Full text of H-Statements referred to under sections 2 and 3
Not applicable

Issue Date 2012-08-21
Revision Date 2013-12-20
Revision Note No information available

Disclaimer
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet