SAFETY DATA SHEET

According to EC Directive 1907/2006/EC

Preparation Date 10-Dec-2009
Revision Date
Revision Number: 0

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY / UNDERTAKING

Product ID A1A209
Product Description: AGITAN® A209
Recommended Use Antifoam agent / Defoamer

Contact Manufacturer
Munzing - Ultra Additives LLC.
1455 Broad Street
Bloomfield NJ 07003
United States

Email: info@munzing.us
Phone: 1-973-279-1306

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 (0) 172 631 4790

2. HAZARDS IDENTIFICATION

The product is classified and labelled in accordance with EU directives or respective national laws

Classification
Not dangerous

Most Important Hazards
No information available

EU Symbol(s)
Not dangerous

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components
The classification corresponds to the current EU listing, but is enhanced by specialised literature data and the Company's own information
L: The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3 % DMSO extract as measured by IP 346. This note applies only to certain complex oil derived substances in Annex I
4. FIRST AID MEASURES

Eye Contact
Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.

Skin Contact
Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes

Ingestion
Gently wipe or rinse the inside of the mouth with water. If swallowed, DO NOT induce vomiting.

Inhalation
Move to fresh air

Notes to Physician
Treat symptomatically

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
In case of fire, use water/water spray/water jet/carbon dioxide/sand/foam/alcohol resistant foam/chemical powder for extinction. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Extinguishing media which must not be used for safety reasons
No information available

Specific Hazards Arising from the Chemical
Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray.

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

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions
Remove all sources of ignition. Avoid exceeding of the given occupational exposure limits (see section 8).

Environmental Precautions
Avoid release to the environment. Try to prevent the material from entering drains or water courses. Do not flush into surface water or sanitary sewer system. Forms slippery/greasy layers with water. If the product contaminates rivers and lakes or drains inform respective authorities.

Methods for Containment
Prevent spreading over a wide area (e.g. by containment or oil barriers) Contain spillage, and then collect 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)

Methods for Cleaning up
Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust)

Other Information
Material can create slippery conditions
7. HANDLING AND STORAGE

Handling
Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.

Storage
Keep containers tightly closed in a cool, well-ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure controls

Engineering Controls
Ensure adequate ventilation, especially in confined areas. In case of insufficient ventilation, wear suitable respiratory equipment.

Personal Protective Equipment

Respiratory Protection
When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Eye Protection
Tightly fitting safety goggles

Skin Protection
Impervious clothing. For prolonged or repeated contact use protective gloves. PVC. Neoprene. PVA.

General Hygiene Considerations
Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Avoid contact with skin, eyes and clothing.

Environmental exposure controls
No information available

9. PHYSICAL AND CHEMICAL PROPERTIES

| Appearance | Amber |
| Odor       | Mild  |
| pH         | 7     |
| Flash Point| > 100°C |
| Boiling Point/Range | >250°C |
| Flammable Limits | No information available |
| Specific Gravity (g/cm3) | 0.87 |
| Evaporation Rate | No information available |
| Vapor Density | No information available |
| VOC Content | No information available |
| Solid content (%) | >96 |
| Physical State | Liquid |
| Odor Threshold | No information available |
| Autoignition Temperature | No data available |
| Melting Point/Range | No information available |
| Solubility (in H2O) | Dispersible |
| Vapor Pressure, 20C/68F | No information available |
| Density | 7.2#/gal |
| Viscosity | ~1000 mPas @20C |

10. STABILITY AND REACTIVITY

Stability
Stable under normal conditions

Conditions to Avoid
Heat, flames and sparks

Materials to avoid
No materials to be especially mentioned

Hazardous Decomposition Products
Thermal decomposition can lead to release of irritating gases and vapours. Carbon oxides.

Possibility of Hazardous Reactions
Hazardous polymerisation does not occur. Stable under normal conditions.
11. TOXICOLOGICAL INFORMATION

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>Petroleum distillates, hydrotreated light paraffinic</td>
<td>5000 mg/kg (Rat)</td>
<td>2000 mg/kg (Rabbit)</td>
<td>2.18 mg/L (Rat)</td>
</tr>
<tr>
<td>Petroleum distillates, solvent-refined light paraffinic</td>
<td>&gt;3000 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Synthetic wax</td>
<td>&gt; 5000 mg/kg (Rat)</td>
<td>&gt;20000 mg/kg (Mouse)</td>
<td>&gt;2000 mg/kg (Rabbit)</td>
</tr>
</tbody>
</table>

Chronic Toxicity

Carcinogenicity
There are no known carcinogenic chemicals in this product (IARC, ACGIH, US OSHA, US NTP).

Irritation
Non persistent irritation. Skin, rabbit: Eye, rabbit:.

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
Respiratory system, Skin.

12. ECOLOGICAL INFORMATION

Ecotoxicity
Discharge into the environment must be avoided.

<table>
<thead>
<tr>
<th>Component</th>
<th>Freshwater Algae</th>
<th>Freshwater Fish</th>
<th>Microtox</th>
<th>Water Flea</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum distillates, hydrotreated light paraffinic</td>
<td>-</td>
<td>-</td>
<td>-</td>
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<td>Petroleum distillates, solvent-refined light paraffinic</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Synthetic wax</td>
<td>-</td>
<td>LC50 (96 h): &gt;1000 mg/l (Rainbow trout)</td>
<td>-</td>
<td>EC50 (48 h): 140 mg/l (Daphnia)</td>
</tr>
</tbody>
</table>

Persistence/Degradability
Not readily biodegradable..
Bioaccumulative Potential: No information available
Mobility: No information available

### 13. DISPOSAL CONSIDERATIONS

**Waste from Residues / Unused Products**
Dispose of in accordance with local regulations

**Contaminated Packaging**
Empty containers should be taken for local recycling, recovery or waste disposal. Do not burn, or use a cutting torch on, the empty drum.

**EWC waste disposal No**
No information available

**Other Information**
Waste codes should be assigned by the user based on the application for which the product was used.

### 14. TRANSPORT INFORMATION

**IMDG/IMO**
Not regulated

**ADR/RID**
Not regulated

**ICAO/IATA**
Not regulated

### 15. REGULATORY INFORMATION

**Labelling:**

**EU Symbol(s)**
Not dangerous

**R -phrase(s)**
No information available

**S -phrase(s)**
No information available

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

**International Inventories**

All of the components in the product are on or exempt from the following Inventory lists:
- **US TSCA**
  - Complies
- **Canada DSL**
  - Complies.
16. OTHER INFORMATION

Labelling:

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health Hazard</th>
<th>Fire Hazard</th>
<th>Reactivity</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>1</td>
<td>0</td>
</tr>
</tbody>
</table>

NFPA

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Revision Date

Revision Summary: No information available

Disclaimer
The information provided on this SDS 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