Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name
MAGRABAR J-305

Material No.
7741

Historic Material No.
F0803

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses
Anti-foaming agent (defoamer)

Uses advised against
Consumer use

1.3. Details of the supplier of the safety data sheet

Manufacturer
MUNZING NORTH AMERICA – MAGRABAR LLC
6100 Madison Court
Morton Grove, IL 60053-3216
United States

Email: info@magrabar.com
Telephone: 1-847-965-7550

Supplier
Münzing Chemie GmbH
Münzingstrasse 2
74232 Abstatt
Germany

Email: info@munzing.com
Phone: +49 (0) 7131/987-0

Emergency Telephone

Emergency telephone
CHEMTREC: +1 703 741 5970

Section 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture
Classification according to Regulation (EC) No. 1272/2008 [CLP]
This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

2.2. Label Elements
This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]
EUH210 - Safety data sheet available on request

2.3. Other hazards
No information available.

## Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixtures

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>EC No.</th>
<th>CAS No.</th>
<th>Weight-%</th>
<th>Classification according to Regulation (EC) No. 1272/2008 [CLP]</th>
<th>REACH No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene Glycol</td>
<td>200-338-0</td>
<td>57-55-6</td>
<td>5 - &lt;10</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]
Full text of H- and EUH-phrases: see section 16

## Section 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

**Eye Contact**
Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

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

**Inhalation**
Move victim to fresh air.

**Ingestion**
Clean mouth with water and drink afterwards plenty of water.

**Self-Protection of the First Aider**
Use personal protection equipment.

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

**Most important symptoms and effects**
No information available.

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

**Notes to Physician**
Treat symptomatically.

## Section 5: FIRE FIGHTING MEASURES

### 5.1. Extinguishing media

**Suitable extinguishing media**
Dry chemical. Carbon dioxide (CO2). Alcohol-resistant foam.
Unsuitable Extinguishing Media

No information available.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

Varied particulate matter. Carbon monoxide. Carbon dioxide (CO2). Flammable/toxic gases may accumulate in tanks and hopper cars.

5.3. Advice for firefighters

Advice for fire-fighters

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

Personal precautions

Use personal protection equipment. Avoid contact with skin, eyes or clothing.

Protective precautions

Use personal protection equipment.

6.2. Environmental precautions

Environmental Precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for Containment

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 Clean-Up

Take up mechanically, placing in appropriate containers for disposal.

6.4. Reference to other sections

Reference to other sections

See Sections 5 & 7 for additional information.

Section 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Handling

Use personal protection equipment. Avoid contact with skin, eyes or clothing. Handle in accordance with good industrial hygiene and safety practice.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep container tightly closed in a dry and well-ventilated place. Keep in properly labeled containers. Keep away from direct sunlight. Incompatible with oxidizing agents.

7.3. Specific end use(s)

Specific Uses

No information available.

Section 8: EXPOSURE CONTROLS/PERSOANL PROTECTION

8.1. Control parameters

Exposure limits

.
### Chemical name

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>EU</th>
<th>United Kingdom</th>
<th>France</th>
<th>Spain</th>
<th>Germany</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene Glycol</td>
<td>-</td>
<td>TWA: 10 mg/m³, TWA: 150 ppm</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Austria</th>
<th>Switzerland</th>
<th>Poland</th>
<th>Norway</th>
<th>Ireland</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene Glycol</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>TWA: 25 ppm, TWA: 79 mg/m³</td>
<td>TWA: 150 ppm, TWA: 470 mg/m³, TWA: 10 mg/m³, STEL: 450 ppm, STEL: 1410 mg/m³, STEL: 30 mg/m³</td>
</tr>
</tbody>
</table>

### Derived No Effect Level (DNEL)
No information available.

### Predicted No Effect Concentration (PNEC)
No information available.

#### 8.2. Exposure controls

**Engineering Controls**
Ensure adequate ventilation, especially in confined areas.

**Personal protective equipment**

- **Eye/Face Protection**
  Safety glasses with side-shields.

- **Skin protection**
  Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Wear protective nitrile rubber gloves.

- **Respiratory protection**
  In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.

**Environmental exposure controls**
No information available.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

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

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks/ Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>No information available</td>
<td>No information available</td>
</tr>
<tr>
<td>Melting point</td>
<td>No information available</td>
<td>No information available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>&gt; 150 °C</td>
<td>No information available</td>
</tr>
<tr>
<td>Flash Point</td>
<td>100 °C</td>
<td>CC (closed cup)</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No information available</td>
<td>No information available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No information available</td>
<td>No information available</td>
</tr>
<tr>
<td>Flammability Limit in Air</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper flammability limit</td>
<td>No information available</td>
<td>No information available</td>
</tr>
<tr>
<td>Lower flammability limit</td>
<td>No information available</td>
<td>No information available</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>1 mmHg</td>
<td>No information available</td>
</tr>
<tr>
<td>Vapor density</td>
<td>&gt;1</td>
<td>No information available</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>0.94 - 0.99</td>
<td>No information available</td>
</tr>
<tr>
<td>Water Solubility</td>
<td>No information available</td>
<td>No information available</td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>Emulsifiable</td>
<td>No information available</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>No information available</td>
<td>No information available</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>&gt; 250 °C</td>
<td>No information available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No information available</td>
<td>No information available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>No information available</td>
<td>No information available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No information available</td>
<td>No information available</td>
</tr>
</tbody>
</table>
Oxidizing properties

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity
Reactivity
Stable under normal conditions.

10.2. Chemical stability
Chemical Stability
Stable under normal conditions.

10.3. Possibility of hazardous reactions
Possibility of Hazardous Reactions
None under normal processing.

Hazardous Polymerization
Hazardous polymerization does not occur.

10.4. Conditions to avoid
Conditions to Avoid
Heat, flames and sparks.

10.5. Incompatible materials
Incompatible Materials
Strong oxidizing agents.

Hazardous decomposition products

Hazardous decomposition products
Thermal decomposition can lead to release of irritating and toxic gases and vapors. Carbon monoxide. Carbon dioxide (CO2).

Section 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute Toxicity

Product Information

<table>
<thead>
<tr>
<th>Eyes</th>
<th>Contact with eyes may cause irritation. Avoid contact with eyes.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin</td>
<td>Substance may cause slight skin irritation. Avoid contact with skin.</td>
</tr>
<tr>
<td>Inhalation</td>
<td>Health injuries are not known or expected under normal use.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>Health injuries are not known or expected under normal use.</td>
</tr>
<tr>
<td>Unknown acute toxicity</td>
<td>Not applicable.</td>
</tr>
</tbody>
</table>

ATEmix (oral) 20,000.00 mg/kg
ATEmix (dermal) 20,800.00 mg/kg
ATEmix (inhalation-dust/mist) No data available

Component Information

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene Glycol</td>
<td>= 20 g/kg ( Rat )</td>
<td>= 20800 mg/kg ( Rabbit )</td>
<td></td>
</tr>
</tbody>
</table>

Skin Corrosion/Irritation
No information available.
Eye damage/irritation  No information available.

Sensitization  No information available.

Mutagenic effects  No information available.

Reproductive Effects  No information available.

STOT - single exposure  No information available.

STOT - repeated exposure  No information available.

Aspiration Hazard  No information available.

Carcinogenic effects  No information available.

## Section 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

Ecotoxicity

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Algae</th>
<th>Fish</th>
<th>Daphnia magna</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene Glycol</td>
<td>19000: 96 h Pseudokirchneriella subcapitata mg/L EC50</td>
<td>LC50: 710-55770 mg/L, 96h (Fathead minnow)</td>
<td>EC50: &gt; 10000 mg/L 48 h</td>
</tr>
</tbody>
</table>

Unknown Aquatic Toxicity  Not applicable.

### Persistence and degradability

Persistence and degradability  No information available.

### 12.3. Bioaccumulative potential

Bioaccumulation/Accumulation  No information available.

### 12.4. Mobility in soil

Mobility in Environmental Media  No information available.

### 12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment  Not applicable.

### 12.6. Other adverse effects

Other adverse effects  No information available.

## Section 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

- Waste from residues/unused products  Contain and dispose of waste according to local regulations.
- Contaminated packaging  Empty remaining contents.
- Waste codes / waste designations according to EWC / AVV  Not applicable.
Section 14: TRANSPORT INFORMATION

ADR/RID          Not regulated
IMDG/IMO         Not regulated
IATA             Not regulated

Section 15: REGULATORY INFORMATION

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

International Inventories

US TSCA                      Complies
Australia (AICS)             Complies
Canada (DSL)                 Complies
China (IECSC)                Complies
Europe (EINECS/ELINCS/NLP)   Complies
Japan (ENCS)                 Complies
South Korea (KECL)           Complies
Philippines (PICCS)          Complies
New Zealand                 Complies
Taiwan (TCSI)                Complies

Legend
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

Germany

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

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Authorizations and/or restrictions on use:
This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV). This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

Persistent Organic Pollutants
Not applicable

Ozone-depleting substances (ODS) regulation (EC) 1005/2009
Not applicable

15.2. Chemical safety assessment

No information available

Section 16: OTHER INFORMATION

Key or legend to abbreviations and acronyms used in the safety data sheet
Full text of H-Statements referred to under section 3
No information available

Legend
SVHC: Substances of Very High Concern for Authorization:

TWA - TWA (time-weighted average)
STEL - STEL (Short Term Exposure Limit)
Ceiling - Maximum limit value
* - Skin designation

Classification procedure Minimum classification

Issue Date: 2015-10-05
Revision Date: 2019-04-26
Reason for revision SDS sections updated, 3, 11, 15.

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

Disclaimer
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End of Safety Data Sheet