



# Safety Data Sheet

This safety data sheet complies with the requirements of:  
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

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

### 1.1. Product identifier

**Product name** MAGRABAR® PD-4446  
**Material No.** 7761  
**Historic Material No.** 7761

### 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]

### 2.3. Other hazards

No information available.

## **Section 3: COMPOSITION/INFORMATION ON INGREDIENTS**

### 3.2 Mixtures

Full text of H- and EUH-phrases: see section 16

## **Section 4: FIRST AID MEASURES**

### 4.1. Description of first aid measures

<b>Eye Contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
<b>Inhalation</b>	Move victim to fresh air.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water.
<b>Self-Protection of the First Aider</b>	Use personal protection equipment.

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

<b>Most important symptoms and effects</b>	No information available.
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### 4.3. Indication of any immediate medical attention and special treatment needed

<b>Notes to Physician</b>	Treat symptomatically.
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## **Section 5: FIRE FIGHTING MEASURES**

### 5.1. Extinguishing media

**Suitable extinguishing media** Water spray. Carbon dioxide (CO<sub>2</sub>). Dry chemical. Alcohol resistant foam. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** Do not use a solid water stream as it may scatter and spread fire.

### 5.2. Special hazards arising from the substance or mixture

**Hazardous combustion products** Thermal decomposition can lead to release of irritating and toxic gases and vapors. Carbon monoxide. Carbon dioxide (CO<sub>2</sub>).

### 5.3. Advice for firefighters

**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

**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

**6.4. 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.

### 7.3. Specific end use(s)

**Specific Uses** No information available.

## **Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

### 8.1. Control parameters

**Exposure limits** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**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** Tight sealing safety goggles.

**Skin protection** Wear suitable protective clothing and gloves. Wear protective nitrile rubber gloves. Glove thickness. > 0.4 mm. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific 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

<b>Physical State</b>	Liquid
<b>Appearance</b>	Clear, Yellow, To, Amber
<b>Odor</b>	Mild
<b>Odor threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks/ Method</u>
<b>pH</b>	No information available	No information available
<b>Melting point</b>	No information available	No information available
<b>Boiling point</b>	No information available	No information available
<b>Flash Point</b>	No information available	No information available
<b>Evaporation rate</b>	No information available	No information available
<b>Flammability (solid, gas)</b>	No information available	No information available
<b>Flammability Limit in Air</b>		
<b>Upper flammability limit</b>	No information available	
<b>Lower flammability limit</b>	No information available	
<b>Vapor Pressure</b>	No information available	No information available
<b>Vapor density</b>	No information available	No information available
<b>Specific Gravity</b>	0.94	No information available
<b>Water Solubility</b>	Emulsifiable	No information available
<b>Solubility in other solvents</b>	No information available	No information available
<b>Partition coefficient: n-octanol/water</b>	No information available	No information available
<b>Autoignition temperature</b>	No information available	No information available
<b>Decomposition temperature</b>	No information available.	No information available
<b>Viscosity</b>	150 cP	No information available
<b>Explosive properties</b>	No information available	
<b>Oxidizing properties</b>	No information available	

## 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. Strong acids. Strong bases. Isocyanates.

### Hazardous decomposition products

**Hazardous decomposition products** Thermal decomposition can lead to release of irritating and toxic gases and vapors. Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Alcohols. Ether. Hydrocarbons. Ketone.

## Section 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### Acute Toxicity

#### Product Information

<b>Eyes</b>	Contact with eyes may cause irritation. Avoid contact with eyes.
<b>Skin</b>	Substance may cause slight skin irritation. Avoid contact with skin.
<b>Inhalation</b>	Health injuries are not known or expected under normal use.
<b>Ingestion</b>	Health injuries are not known or expected under normal use.
<b>Unknown acute toxicity</b>	Not applicable.
<b>ATEmix (oral)</b>	5,001.00 mg/kg
<b>ATEmix (dermal)</b>	No data available
<b>ATEmix (inhalation-dust/mist)</b>	No data available
<b>ATEmix (inhalation-vapor)</b>	No data available

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Polypropylene glycol	= 3750 mg/kg ( Rat ) > 2 g/kg ( Rat )		

<b>Skin Corrosion/Irritation</b>	No information available.
<b>Eye damage/irritation</b>	No information available.
<b>Sensitization</b>	No information available.
<b>Mutagenic effects</b>	No information available.
<b>Reproductive Effects</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.

**Aspiration Hazard** No information available.

**Carcinogenic effects** No information available.

## Section 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

#### Ecotoxicity

Chemical name	Algae	Fish	Daphnia magna
Polypropylene glycol	-	LC50 (96h): >100 mg/L (Rainbow trout)	EC50 (48 h): > 100 mg/l

**Unknown Aquatic Toxicity** 0 % of the mixture consists of component(s) of unknown hazards to the aquatic environment.

### 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

#### 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

**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**

<b>US TSCA</b>	Complies
<b>Australia (AICS)</b>	Complies
<b>Canada (DSL)</b>	Complies
<b>China (IECSC)</b>	Complies
<b>Europe (EINECS/ELINCS/NLP)</b>	Complies
<b>Japan (ENCS)</b>	Not listed
<b>South Korea (KECL)</b>	Complies
<b>Philippines (PICCS)</b>	Not listed
<b>New Zealand</b>	Complies
<b>Taiwan (TCSI)</b>	Complies

**Legend**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDL** - 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 classification)

**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:**                                      2020-10-07

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**Reason for revision**                         Not applicable.

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

**Disclaimer**

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**End of Safety Data Sheet**