



# Safety Data Sheet

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

Issue Date: 2015-10-15

Revision Date: 2019-04-01

Revision Number: 5

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

### 1.1. Product identifier

**Product name** MAGRABAR® PD-3500  
**Material No.** 7514  
**Historic Material No.** RM11402

### 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

<b>Suitable extinguishing media</b>	Carbon dioxide (CO <sub>2</sub> ). Foam. Dry chemical.
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<b>Unsuitable Extinguishing Media</b>	No information available.
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### 5.2. Special hazards arising from the substance or mixture

<b>Hazardous combustion products</b>	Oxides of sulfur. Carbon monoxide. Carbon dioxide (CO <sub>2</sub> ). Flammable/toxic gases may accumulate in tanks and hopper cars. Produce flammable and toxic gases on contact with water.
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### 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** Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Use personal protection equipment.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice. Wash hands thoroughly after handling.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep cool. Protect from sunlight. Keep away from open flames, hot surfaces and sources of ignition. Keep from freezing.

### 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. Ensure that eyewash stations and safety showers are close to the workstation location.

## Personal protective equipment

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

**Skin protection** Long sleeved clothing. 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

**Physical State** Liquid  
**Appearance** Opaque, Amber  
**Odor** Mild Organic  
**Odor threshold** 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>	> 200 °C	No information available
<b>Flash Point</b>	> 282 °C	Open cup
<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>	< 1 mmHg	No information available
<b>Vapor density</b>	No information available	No information available
<b>Specific Gravity</b>	0.95	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>	No information available	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.

**Hazardous decomposition products**

**Hazardous decomposition products** Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Fumes.

**Section 11: TOXICOLOGICAL INFORMATION****11.1. Information on toxicological effects****Acute Toxicity****Product Information**

**Eyes** Contact with eyes may cause irritation. Avoid contact with eyes.

**Skin** May be harmful in contact with skin. Avoid contact with skin.

**Inhalation** Health injuries are not known or expected under normal use.

**Ingestion** Health injuries are not known or expected under normal use.

**Unknown acute toxicity** Not applicable.

**ATEmix (oral)** No data available

**ATEmix (dermal)** No data available

**ATEmix (inhalation-dust/mist)** No data available

**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**

Chemical name	Algae	Fish	Daphnia magna
Hydrophobic silica	-	LC50: >10000 mg/l, 96h	EC50: >10000 mg/l, 24h

**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/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 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:** 2015-10-15  
**Revision Date:** 2019-04-01  
**Reason for revision** SDS sections updated, 1, 3, 16.

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

**Disclaimer**

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**End of Safety Data Sheet**