



# 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: 2014-09-23

Revision Date: 2019-07-09

Revision Number: 4

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

### 1.1. Product identifier

**Product name** MAGRABAR® MD-20-S FG  
**Material No.** 7740  
**Historic Material No.** F0802

### 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

**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

<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.
--	---------------------------

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

<b>Notes to Physician</b>	Treat symptomatically.
---------------------------	------------------------

## **Section 5: FIRE FIGHTING MEASURES**

### 5.1. Extinguishing media

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

**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 (CO<sub>2</sub>). Vapors may form

explosive mixtures with air.

### 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. Avoid dust formation. Keep away from heat, sparks and open flame. - No smoking.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice. Wash hands before eating, drinking, or smoking.

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

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Incompatible with oxidizing agents. Keep away from open flames, hot surfaces and sources of ignition.

### 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. Provide appropriate exhaust ventilation at places where dust is formed. Ensure that eyewash stations and safety showers are close to the workstation location.

### Personal protective equipment

**Eye/Face Protection** Tight sealing safety goggles.

**Skin protection** Wear suitable protective clothing and gloves.

**Respiratory protection** In case of insufficient ventilation, wear suitable respiratory equipment.

**Environmental exposure controls** No information available.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

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

**Physical State** Solid  
**Appearance** White powder  
**Odor** No information available  
**Odor threshold** No information available

<u>Property</u>	<u>Values</u>	<u>Remarks/ Method</u>
pH	No information available	No information available
Melting point	No information available	No information available
Boiling point	No information available	No information available
Flash Point	No information available	No information available
Evaporation rate	No information available	No information available
Flammability (solid, gas)	No information available	No information available
Flammability Limit in Air		
Upper flammability limit	No information available	
Lower flammability limit	No information available	
Vapor Pressure	<1 mmHg	No information available
Vapor density	No information available	No information available
Specific Gravity	No information available	No information available
Water Solubility	Dispersible	No information available
Solubility in other solvents	No information available	No information available
Partition coefficient: n-octanol/water	No information available	No information available
Autoignition temperature	No information available	No information available
Decomposition temperature	No information available.	No information available
Viscosity	No information available	No information available
Explosive properties	No information available	
Oxidizing properties	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 and unburned hydrocarbons (smoke). Silicon dioxide. Fumes. Formaldehyde.**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)** 24,000.00 mg/kg**ATEmix (dermal)** 5,001.00 mg/kg**ATEmix (inhalation-dust/mist)** No data available**Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Organosiloxane	> 24 g/kg ( Rat ) > 17 g/kg ( Rat )	> 2 g/kg ( Rabbit )	

**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

<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>	Complies
<b>South Korea (KECL)</b>	Complies
<b>Philippines (PICCS)</b>	Complies
<b>New Zealand</b>	Complies
<b>Taiwan (TCSI)</b>	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:** 2014-09-23  
**Revision Date:** 2019-07-09  
**Reason for revision** Update to Format.

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

**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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.*

**End of Safety Data Sheet**