



# 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® 4000  
**Material No.** F0617  
**Historic Material No.** F0617

### 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**

Chemical name	EC No.	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH No.
Synthetic Amorphous Silica	Listed	-	1 - <3	-	-
Synthetic Amorphous Silica	Listed	-	1 - <3	-	-

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

Substance with a Community workplace exposure limit.

## 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**

**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** Water spray. Carbon dioxide (CO<sub>2</sub>). Alcohol resistant foam. 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** Thermal decomposition can lead to release of irritating and toxic gases and vapors.

### **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**

Chemical name	Italy	Portugal	Netherlands	Finland	Denmark
Synthetic Amorphous Silica	-	-	-	TWA: 5 mg/m <sup>3</sup>	-
Chemical name	Austria	Switzerland	Poland	Norway	Ireland
Synthetic Amorphous Silica	TWA: 4 mg/m <sup>3</sup>	-	TWA: 10.0 mg/m <sup>3</sup> TWA: 2 mg/m <sup>3</sup>	-	-
Synthetic Amorphous Silica	TWA: 4 mg/m <sup>3</sup>	-	-	-	-

**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, Brown  
**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>	No information available	No information available
<b>Flash Point</b>	282 °C	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>	0.92	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

Viscosity	200 . cPs	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** Thermal decomposition can lead to release of irritating and toxic gases and vapors.

## 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>	May cause skin irritation. Avoid contact with skin.
<b>Inhalation</b>	May cause irritation of respiratory tract. Avoid breathing vapors or mists.
<b>Ingestion</b>	Health injuries are not known or expected under normal use.
<b>Unknown acute toxicity</b>	Not applicable.

<b>ATEmix (oral)</b>	5,710.00 mg/kg
<b>ATEmix (dermal)</b>	5,710.00 mg/kg
<b>ATEmix (inhalation-dust/mist)</b>	No data available

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Synthetic Amorphous Silica	> 5000 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	LC0: >= 0.139 mg/l (4hr). Maximum attainable concentration. No deaths occurred.
Synthetic Amorphous Silica	> 5000 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	LC50: >= 0.139 mg/l (4hr). Maximum attainable concentration.

			No deaths occurred.
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<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.
<b>Aspiration Hazard</b>	No information available.
<b>Carcinogenic effects</b>	No information available.

## Section 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

#### Ecotoxicity

Chemical name	Algae	Fish	Daphnia magna
Synthetic Amorphous Silica	EC50, 72h: Pseudokirchneriella subcapitata: 440 mg/L	LC50: >10000 96h (Brachydanio rerio)	EC50: >10000 24h
Synthetic Amorphous Silica	-	LC50: >10000 mg/L, 96h (Brachydanio rerio)	EC50: >10000, 24h (daphnia)

**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>	Contact manufacturer
<b>South Korea (KECL)</b>	Contact manufacturer
<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
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Issue Date:	2019-06-11
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Revision Date:	2019-06-11
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Reason for revision	Not applicable.
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**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**