



# 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: 2016-11-08

Revision Date: 2019-07-11

Revision Number: 5

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

### 1.1. Product identifier

**Product name** MAGRABAR® 3202  
**Material No.** 7734  
**Historic Material No.** 7734

*Contains Synthetic Amorphous Silica*

### 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	-	3 - <5	-	-
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

#### Eye Contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If symptoms persist, call a physician.

#### Skin Contact

IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If symptoms persist, call a physician.

#### Inhalation

IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, call a physician.

#### Ingestion

IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

#### 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** Carbon dioxide (CO<sub>2</sub>). Foam. Dry chemical.

**Unsuitable Extinguishing Media** No information available.

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

**Hazardous combustion products** 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.

### 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  
**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>	> 400 °F	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	

Vapor Pressure	< 1 mmHg	No information available
Vapor density	No information available	No information available
Specific Gravity	0.95	No information available
Water Solubility	insoluble	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 (CO<sub>2</sub>). Fumes.

## 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>	May cause irritation of respiratory tract. Avoid breathing vapors or mists.
<b>Ingestion</b>	May be harmful if swallowed. Aspiration hazard if swallowed - can enter lungs and cause damage.
<b>Unknown acute toxicity</b>	Not applicable.

ATEmix (oral)	5,281.00 mg/kg
ATEmix (dermal)	5,281.00 mg/kg
ATEmix (inhalation-dust/mist)	No data available

**Component Information**

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

<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)

<b>Unknown Aquatic Toxicity</b>	Not applicable.
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**Persistence and degradability**

<b>Persistence and degradability</b>	. No information available.
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**12.3. Bioaccumulative potential**

<b>Bioaccumulation/Accumulation</b>	. No information available.
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**12.4. Mobility in soil**

<b>Mobility in Environmental Media</b>	. No information available.
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**12.5. Results of PBT and vPvB assessment**

<b>PBT and vPvB assessment</b>	. Not applicable.
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**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>	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:**                                      2016-11-08

**Revision Date:**                                 2019-07-11

**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**