



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: 2019-06-11

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

1.1. Product identifier

Product name MAGRABAR® 4010
Material No. F0618
Historic Material No. F0618

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

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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

Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin Contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
Inhalation	Move victim to fresh air.
Ingestion	Clean mouth with water and drink afterwards plenty of water.
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 Water spray. Carbon dioxide (CO₂). 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 ³	-
Chemical name	Austria	Switzerland	Poland	Norway	Ireland
Synthetic Amorphous Silica	TWA: 4 mg/m ³	-	TWA: 10.0 mg/m ³ TWA: 2 mg/m ³	-	-
Synthetic Amorphous Silica	TWA: 4 mg/m ³	-	-	-	-

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>
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	282 °C	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	No information available	No information available
Vapor density	No information available	No information available
Specific Gravity	0.92	No information available
Water Solubility	Emulsifiable	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	190 . 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

Eyes	Contact with eyes may cause irritation. Avoid contact with eyes.
Skin	May cause skin irritation. Avoid contact with skin.
Inhalation	May cause irritation of respiratory tract. Avoid breathing vapors or mists.
Ingestion	Health injuries are not known or expected under normal use.
Unknown acute toxicity	Not applicable.

ATEmix (oral)	6,015.00 mg/kg
ATEmix (dermal)	6,015.00 mg/kg
ATEmix (inhalation-dust/mist)	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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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
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

US TSCA	Complies
Australia (AICS)	Complies
Canada (DSL)	Complies
China (IECSC)	Complies
Europe (EINECS/ELINCS/NLP)	Complies
Japan (ENCS)	Contact manufacturer
South Korea (KECL)	Contact manufacturer
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
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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

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End of Safety Data Sheet