



Safety Data Sheet

Issue Date: 2015-09-14

Revision Date: 2019-11-11

Revision Number: 2

1. IDENTIFICATION

1.1. Product identifier

Product name MAGRABAR® SILICONE RELEASE SE-1335 FG

Other means of identification

Material No. 7719
Historic Material No. F0401

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended Use Release agent
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

Emergency Telephone CHEMTREC (24 hrs - for spill, leak or transportation incidents):
US: 1-800-424-9300
non-US: 1-703-527-3887

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

OSHA Regulatory Status

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

2.2. Label Elements

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

2.3. Other hazards

Hazards not otherwise classified (HNOC) Not applicable

Unknown acute toxicity Not applicable

Other Information Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS**3.2. Mixtures**

| Chemical name | CAS No | Weight-% |
|----------------|-------------|----------|
| Sorbitan ester | Proprietary | 0 - 10% |

The product contains no substances which at their given concentration, are considered to be hazardous to health.

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.

Inhalation Move victim to fresh air.

Ingestion Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Clean mouth with water and drink afterwards plenty of water.

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.

5. FIRE-FIGHTING MEASURES**5.1. Extinguishing media**

Suitable extinguishing media 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 Carbon oxides. Phosgene. Vapors may form explosive mixtures with air.

Explosion Data

Sensitivity to mechanical impact

Not applicable.

Sensitivity to static discharge

Not sensitive.

5.3. Advice for firefighters**5.3. Advice for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

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

Ensure adequate ventilation. Avoid exceeding of the given occupational exposure limits (see section 8).

Emergency procedures

Evacuate personnel to safe areas. Remove all sources of ignition. Keep people away from and upwind of spill/leak.

6.2. Environmental precautions**Environmental precautions**

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up**Methods for Containment**

Local authorities should be advised if significant spillages cannot be contained. 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

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labelled containers.

6.4. Reference to other sections**6.4. Reference to other sections**

See Sections 5 & 7 for additional information.

7. HANDLING AND STORAGE**7.1. Precautions for safe handling****Handling**

Use personal protection equipment. Avoid contact with skin, eyes or clothing. Handle in accordance with good industrial hygiene and safety practice. Sweep up to prevent slipping hazard.

7.2. Conditions for safe storage, including any incompatibilities**Storage Conditions**

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers. Keep from freezing.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1. Control parameters**

Exposure Guidelines

| Chemical name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|----------------|---------------------------|----------|------------|
| Sorbitan ester | TWA: 10 mg/m ³ | - | - |

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.

Individual protection measures, such as personal protective equipment

| | |
|-------------------------------|--|
| Eye/Face Protection | Tight sealing safety goggles. |
| Skin protection | Wear suitable protective clothing and gloves. Wear protective nitrile rubber gloves. Glove thickness. > 0.4 mm. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. |
| Respiratory protection | In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit. |

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

| | |
|-----------------------|--------------------------|
| Physical State | Liquid |
| Appearance | White |
| Odor | Mild |
| Odor threshold | No information available |

| <u>Property</u> | <u>Values</u> | <u>Remarks/ Method</u> |
|--|---------------------------|--------------------------|
| pH | No information available | No information available |
| Melting point | 0 °C | No information available |
| Boiling point | 100 °C | No information available |
| Flash Point | No information available | No information available |
| Evaporation rate | 1 | (Butyl Acetate = 1) |
| 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 | 0.993 | 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 | |

9.2. Other information

VOC content (%) No information available

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. Carbon monoxide. Carbon dioxide (CO₂). Silicon dioxide. Formaldehyde.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Information on likely routes of exposure

Product Information Information given is based on data on the components and the toxicology of similar products.

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

Skin Substance may cause slight skin irritation. 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.

Numerical measures of toxicity - Product Information

ATEmix (oral) 47,456.00 mg/kg
 ATEmix (dermal) 5,743.00 mg/kg
 ATEmix (inhalation-dust/mist) No data available

Component Information

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|----------------|-------------------------------------|---------------------|---|
| Sorbitan ester | = 31 g/kg (Rat) | - | = 31 g/kg (Rat) |
| Organosiloxane | > 24 g/kg (Rat) > 17 g/kg (Rat) | > 2 g/kg (Rabbit) | > 24 g/kg (Rat) > 17 g/kg (Rat) > 2 g/kg (Rabbit) |

Delayed and immediate effects as well as chronic effects from short and long-term exposure

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. |
| Carcinogenicity | This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP. |

12. ECOLOGICAL INFORMATION

12.1. Toxicity

| | |
|-------------|--|
| Ecotoxicity | Information given is based on data on the components and the toxicology of similar products. |
|-------------|--|

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 determined. Not applicable. |
|-------------------------|---------------------------------|

Other adverse effects

| | |
|-----------------------|-----------------------------|
| Other adverse effects | . No information available. |
|-----------------------|-----------------------------|

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

| | |
|------------------------|--|
| Disposal Methods | Contain and dispose of waste according to local regulations. |
| Contaminated packaging | Empty containers should be taken for local recycling, recovery or waste disposal. Dispose of contents/containers in accordance with local regulations. |
| US EPA Waste Number | Product, as sold, is not a US EPA RCRA Waste. |

14. TRANSPORT INFORMATION

| | |
|------------------|---------------|
| <u>DOT</u> | Not regulated |
| <u>ICAO/IATA</u> | Not regulated |
| <u>IMDG/IMO</u> | Not regulated |

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

Federal Regulations**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier II reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (40 CFR 61)

This product does not contain any HAPs.

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations**California Proposition 65**

WARNING! This product contains a chemical known in the State of California to cause cancer. WARNING! This product contains a chemical known in the State of California to cause birth defects or other reproductive harm. Impurities (<0.1%).

| Chemical name | California Proposition 65 |
|----------------|---|
| 1,4-Dioxane | Carcinogen |
| Formaldehyde | Carcinogen |
| Methyl alcohol | Developmental |
| Benzene | Carcinogen Developmental Male Reproductive |
| Ethylene oxide | Carcinogen Developmental Female Reproductive Male Reproductive |

U.S. State Right-to-Know

This product does not contain any substances regulated by state right-to-know regulations.

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

| NFPA | | | HMIS III | | |
|--------------|--|---|----------------------------------|--|---|
| Health | | 1 | Health | | 1 |
| Flammability | | 1 | Flammability | | 1 |
| Instability | | 0 | Physical and chemical properties | | 0 |

Issue Date: 2015-09-14
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Reason for revision: SDS sections updated, 1, 3, 15.

For industrial use only. Refer to the safety data sheet and/or instructions for use.

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