



Safety Data Sheet

Magma Fiber

SDS Revision Date: 01/01/2017

1. Identification

1.1. Product identifier

Product Identity MagmaFiber
Alternate Names Mineral Wool

1.2. Relevant identified uses of the substance or mixture and application method

Intended use **Lost Circulation**
Application Method See Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet

Company Name NorthStar Fluid Solutions
P.O. Box 271036
Louisville, Colorado 80027, USA

Emergency

CHEMTREC (USA) (800) 424-9300
24 hour Emergency Telephone No. International +1-703-527-3887
Customer Service: NorthStar Fluid Solutions (303) 495-3130

2. Hazard(s) identification

2.1. Classification of the substance or mixture

Not Classified

2.2. Label elements

Not Classified. Contains no hazardous substances.

[Prevention]: Not classified.

[Response]: Not classified.

[Storage]: Not classified.

[Disposal]: Not classified.

3. Composition/information on ingredients

Substances	CAS Number	PERCENT (w/w)	GHS Classification - US
Mineral Wool	65997-17-3	60 - 100%	Not classified

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

*The full texts of the phrases are shown in Section 16.

4. First aid measures

4.1. Description of first aid measures

Inhalation	If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.
Eyes	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.
Skin	Wash with soap and water. Get medical attention if irritation persists.
Ingestion	Under normal conditions, first aid procedures are not required.

4.2. Most important symptoms and effects, both acute and delayed

No significant hazards expected. May cause mild eye, skin, and respiratory irritation.

5. Fire-fighting measures

5.1. Extinguishing media

All standard fire fighting media.

5.2. Special hazards arising from the substance or mixture

Special Exposure hazards

Not applicable.

5.3. Advice for fire-fighters

Full protective clothing and approved self contained breathing apparatus required for fire fighting personnel.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use appropriate protective equipment. Avoid contact with skin, eyes and clothing. Avoid creating and breathing dust. Ensure adequate ventilation.

See section 8 for additional information.

6.2. Environmental precautions

Prevent from entering sewers, waterways, or low areas.

6.3. Methods and material for containment and cleaning up

Scoop up and remove.

7. Handling and storage

7.1. Precautions for safe handling

Avoid contact with eyes, skin, or clothing. Avoid creating or inhaling dust. Ensure adequate ventilation. Wash hands after use. Launder contaminated clothing before reuse. Use appropriate protective equipment.

Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

Store in dry location.

7.3. Specific end use(s)

Exposure Scenario No information available.

Other Guidelines No information available.

8. Exposure controls and personal protection

8.1. Control parameters

Exposure

Substances	CAS Number	OSHA PEL-TWA	ACGIH TLV-TWA
Contains no hazardous substances	NA	Not applicable	Not applicable

8.2. Exposure controls

Personal Protective Equipment If engineering controls and work practices cannot prevent excessive exposures, the selection and proper use of personal protective equipment should be determined by an industrial hygienist or other qualified professional based on the specific application of this product.

Respiratory Not normally needed. But if significant exposures are possible then the following respirator is recommended: Dust/mist respirator. (N95, P2/P3)

Eyes Wear safety glasses or goggles to protect against exposure.

Skin Normal work gloves and coveralls.

Engineering Controls Use in a well ventilated area.

Other Work Practices Not known.

See section 2 for further details. - [Prevention]:

9. Physical and chemical properties

Appearance Fibers. White to gray

Odor Odorless

Odor threshold No information available

pH No data available



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Melting point / freezing point	No data available
Initial boiling point and boiling range	No data available
Flash Point	No data available
Evaporation rate (Ether = 1)	No data available
Flammability (solid, gas)	No data available
Upper/lower flammability or explosive limits	No data available
Vapor pressure (Pa)	No data available
Vapor Density	No data available
Specific Gravity	2.6
Solubility in Water	Insoluble in water
Partition coefficient n-octanol/water (Log Kow)	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity (cSt)	No data available
Density (lbs/gal)	No data available
9.2. Other information	
VOC Content (%)	No data available
Bulk Density	12-26 lbs/ft ³

10. Stability and reactivity

10.1. Reactivity

Not applicable

10.2. Chemical stability

Stable

10.3. Possibility of hazardous reactions

Will not occur

10.4. Conditions to avoid

None anticipated

10.5. Incompatible materials

Strong acids

10.6. Hazardous decomposition products

Carbon monoxide and carbon dioxide

11. Toxicological information

11.1 Information on toxicological effects

Acute oral toxicity: No data available

Acute dermal toxicity: No data available

Acute inhalation toxicity:	No data available
Skin corrosion/irritation:	May cause mechanical irritation to skin.
Serious eye damage/eye irritation:	May cause mechanical irritation to eye.
Respiratory/skin sensitization:	No data available to indicate product or components present at greater than 1% are chronic health hazards.
Mutagenicity:	No data available to indicate product or components present at greater than 1% are chronic health hazards.
Carcinogenicity:	No data available to indicate product or components present at greater than 1% are chronic health hazards.
Reproductive toxicity:	No data available to indicate product or components present at greater than 1% are chronic health hazards.
STOT - single exposure:	No known effects.
STOT - repeated exposure:	No known effects.

Substances	CAS Number	LD50 Oral	LD50 Dermal	LC50 Inhalation
Contains no hazardous substances	NA	No data available	No data available	No data available

12. Ecological information

12.1. Toxicity

Ecotoxicity Effects

Substances	CAS Number	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Toxicity to Invertebrates
Contains no hazardous substances	NA	No information available	No information available	No information available	No information available

12.2. Persistence and degradability

Substances	CAS Number	Persistence and Degradability
Contains no hazardous substances	NA	No information available

12.3. Bioaccumulative potential

Substances	CAS Number	Log Pow
Contains no hazardous substances	NA	No information available

12.4. Mobility in soil

No information available

12.5. Results of PBT and vPvB assessment

No information available



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12.6. Other adverse effects

No information available

13. Disposal considerations

13.1. Waste treatment methods

Disposal Method

Bury in a licensed landfill according to federal, state, and local regulations.

Contaminated Packaging

Follow all applicable national or local regulations.

14. Transport information

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
14.1. UN number	Not restricted	Not restricted	Not restricted
14.2. UN proper shipping name	Not restricted	Not restricted	Not restricted
14.3. Transport hazard class(es)	DOT Hazard Class: Not applicable	IMDG: Not applicable Sub Class: Not applicable	Air Class: Not applicable
14.4. Packing group	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards			
IMDG	Not applicable		
14.6. Special precautions for user	None		

15. Regulatory information

US TSCA Inventory	All components listed on inventory or are exempt.
EPA SARA Title III Extremely Hazardous Substances	Not applicable
EPA SARA (311,312) Hazard Class	None
EPA SARA (313) Chemicals	This product does not contain a toxic chemical for routine annual "Toxic Chemical Release Reporting" under Section 313 (40 CFR 372).
EPA CERCLA/Superfund Reportable Spill Quantity	Not applicable



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EPA RCRA Hazardous Waste Classification

If product becomes a waste, it does NOT meet the criteria of a hazardous waste as defined by the US EPA.

California Proposition 65

All components listed do not apply to the California Proposition 65 Regulation.

MA Right-to-Know Law

Does not apply.

NJ Right-to-Know Law

Does not apply.

PA Right-to-Know Law

Does not apply.

Canadian Regulations

Canadian DSL Inventory

All components listed on inventory or are exempt.

16. Other information

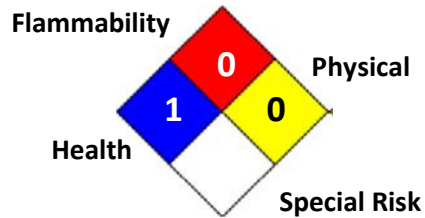
This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.

The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification. Buyer assumes all risk of use, storage and handling of the product in compliance with applicable Federal, State and local law and regulations. NorthStar Fluid Solutions makes no warranty of any kind, express or implied, concerning the accuracy of completeness of the information and data herein. The implied warranties of merchantability and fitness for a particular purpose are specifically excluded. NorthStar Fluid Solutions will not be liable for claims relating to any use of this product.

Emergency Overview:

Risk Classification System:

HEALTH	1
FLAMMABILITY	0
PHYSICAL	0
PPE	B



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