

MasterBlend Repel Wool Fiber Protector

1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: MasterBlend Repel Wool Fiber Protector
Common Name: Wool Fiber Protector
SDS Number: 01-010301
Product Code: 1305
Revision Date: 1/25/2024
Version: 2
Internal ID: X780031
Product Use: Wool Fiber Protector

Supplier Details: MasterBlend Indiana LLC
4345 W. 96th St
Indianapolis, IN 46268

Phone: (800) 525-9644
Email: info@masterblend.net
Web: www.masterblend.net
Emergency: INFOTRAC (800) 535-5053 (USA and Canada); +1 (352) 323-3500 (International)

2 HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Health, Acute toxicity, 3 Oral

Health, Serious Eye Damage/Eye Irritation, 1

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **DANGER**

GHS Hazard Pictograms:



GHS Hazard Statements:

H301 - Toxic if swallowed

H318 - Causes serious eye damage

GHS Precautionary Statements:

P264 - Wash ... thoroughly after handling.

P270 - Do not eat, drink or smoke when using this product.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P301 + P312 - IF SWALLOWED: Call a POISON CENTER/ doctor...if you feel unwell.

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P501 - Dispose of contents/container to ...

3 COMPOSITION/INFORMATION OF INGREDIENTS

This material is considered hazardous by the OSHA Hazardous Communication Standard (29 CFR 1910.1200)

Chemical Ingredients

CAS#	%	Chemical Name
16949-65-8	100%	Silicate(2-), hexafluoro-, magnesium (1:1)

4 FIRST AID MEASURES

Inhalation:	If symptoms develop, move victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, obtain medical attention.
Skin Contact:	Brush off loose particles from skin. Wash with soap and water.
Eye Contact:	Immediately flush eyes with large amounts of water for at least 15 minutes, removing contacts, if present, and lifting eyelids occasionally to facilitate irrigation. Seek medical attention if irritation persists
Ingestion:	Do not induce vomiting unless directed by a physician. Seek immediate medical attention. Rinse mouth with water. Drink large quantities of water if person is conscious and alert. Never give water to an unconscious person.

5	FIRE FIGHTING MEASURES
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Use water spray, fog, carbon dioxide (CO₂), foam or dry chemical.

Unsuitable extinguishing media: Water jet as it may spread fire

Hazardous Combustion Products:

nitrogen oxides (NO_x), carbon monoxide (CO), carbon dioxide (CO₂)

6	ACCIDENTAL RELEASE MEASURES
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Use personal protective equipment. Ventilate area and wash spill site after material pickup is complete.

7	HANDLING AND STORAGE
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Handling Precautions: Measures to prevent fire as well as aerosol and dust generation.

Use local and general ventilation. Avoidance of ignition sources. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Use only in well-ventilated areas. Due to danger of explosion, prevent leakage of vapours into cellars, flues and ditches. Ground/bond container and receiving equipment.

Warning

Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures.

Advice on general occupational hygiene

Wash hands after use. Do not to eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

Storage Requirements: Keep in a cool ventilated area. Keep container tightly closed. Keep out of reach of children

8	EXPOSURE CONTROLS/PERSONAL PROTECTION
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Engineering Controls: All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94).

Personal Protective Equipment: Chemical resistant gloves; Chemical goggles;

9	PHYSICAL AND CHEMICAL PROPERTIES
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Appearance:	White	Odor:	characteristic
Physical State:	Solid	Solubility:	No data available
Odor Threshold:	No data available	Freezing/Melting Pt.:	No data available
Spec Grav./Density:	No data available	Flash Point:	No data available
Viscosity:	No data available	Vapor Density:	No data available
Boiling Point:	No data available	Auto-Ignition Temp:	No data available
Partition Coefficient:	No data available	UFL / LFL:	No data available
Vapor Pressure:	No data available		
pH:	3.1 (1% solution)		
Evap. Rate:	No data available		
Decomp Temp:	No data available		

10	STABILITY AND REACTIVITY
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Reactivity: None under normal processing
 Chemical Stability: Product is stable under normal conditions.
 Conditions to Avoid: Heat, Flames and sparks
 Materials to Avoid: None known based on the information provided
 Hazardous Decomposition: None known based on information provided
 Hazardous Polymerization: Not Known

11	TOXICOLOGICAL INFORMATION
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Acute toxicity of components of the mixture

Name of substance	CAS No	Exposure route	ATE
magnesium hexafluorosilicate	16949-65-8	oral	291
magnesium hexafluorosilicate	16949-65-8	inhalation: dust/mist	3.6

12	ECOLOGICAL INFORMATION
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Aquatic toxicity (acute) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
magnesium hexafluoro-silicate	16949-65-8	LC50	>100 mg/l	fish	96 hours
magnesium hexafluoro-silicate	16949-65-8	EC50	70.7 mg/l	aquatic invertebrates	48 hours
magnesium hexafluoro-silicate	16949-65-8	ErC50	<34.7 mg/l	algae	72 hours

Aquatic toxicity (chronic) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
magnesium hexafluoro-silicate	16949-65-8	EC50	151 mg/l	microorganisms	3 h

13	DISPOSAL CONSIDERATIONS
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Product: Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated packaging: Dispose of as unused product.

Do not empty into drains or release into the environment

14	TRANSPORT INFORMATION
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UN2853, Magnesium fluorosilicate, 6.1, PG III



15	REGULATORY INFORMATION
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[%] RQ (CAS#) Substance - Reg Codes

[100%] Silicate(2-), hexafluoro-, magnesium (1:1) (16949-65-8) TSCA, TSCAACTV

