



Armor Guard Soil Stabilizer

SAFETY DATA SHEET

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name : Armor Guard Soil
Stabilizer Product Code : AGSS-101
Manufacturer or supplier's details
Company : Millard Industries, Inc.

Address : Texas
Telephone : 855-842-7667 8558-4Armor
e-mail: sales@getarmorguard.com

Medical Emergency Phone Number: Immediate emergency dial 911 Transport
Emergency Phone Number (CHEMTREC): 1-800-424-9300

Recommended use : Soil Stabilization, Sub-Base Stabilization, Erosion Control,
Dust Control

Restrictions on use : For industrial use only.

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance liquid
Color white
Odor sweet

GHS Classification

Eye irritation : Category 2A

GHS Label element

Hazard pictograms :



Signal Word :

Warning

Hazard Statements:

H319 Causes serious eye irritation.

Precautionary Statements:

Prevention:

P264 Wash skin thoroughly after handling. P280 Wear eye protection/ face protection.

Response:

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 If eye irritation persists: Get medical advice/ attention.



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Potential Health Effects

Carcinogenicity:

IARC

No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA

No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP

No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture: Mixture

Hazardous ingredients

Chemical Name CAS-No. Concentration [%]

Polyethylene glycol octyl phenoxy ether 9002-93-1 1 - 5

Polyethylene glycol octyl phenyl ether 9036-19-5 1 – 5

SECTION 4. FIRST AID MEASURES

General advice: Show this material safety data sheet to the doctor in attendance.

If inhaled: Move to fresh air. If symptoms persist, call a physician.

In case of skin contact: Wash off with soap and water.

In case of eye contact: Flush eyes with water at least 15 minutes. Get medical attention if eye irritation develops or persists.

If swallowed: Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this MSDS.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Not combustible.
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media: None

Specific hazards during firefighting: Cool closed containers exposed to fire with water spray.

Specific extinguishing methods:
Further information : This product is an aqueous mixture that will not burn.
Dried product film will burn in a fire.



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SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Refer to protective measures listed in sections 7 and 8.

Environmental precautions: No special environmental precautions required.

Prevent product from entering drains.

Methods and materials for containment and cleaning up:

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

SECTION 7. HANDLING AND STORAGE

Advice on safe handling: No special precautions are needed in handling this material.

Conditions for safe storage: Keep container closed when not in use. Keep in a dry, cool place.

Materials to avoid: Do not freeze. No special restrictions on storage with other products.

Storage temperature : ≥ 40 °F

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Contains no substances with occupational exposure limit values.

Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required. In case of insufficient ventilation, wear suitable respiratory equipment.

Hand protection

Material : Nitrile rubber

Remarks : For prolonged or repeated contact use protective gloves.

Eye protection: Safety glasses

Protective measures: No special protective equipment required.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid
Color : white
Odor : sweet
Odor Threshold : No data available

pH : 4.0 - 6.0

Melting point/freezing point : 32 °F

Boiling point/boiling range : 212 °F



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Flash point :	Not applicable
Evaporation rate :	not determined
Flammability (solid, gas) :	Not classified as a flammability hazard
Upper explosion limit :	upper flammability limit not determined
Lower explosion limit :	lower flammability limit not determined
Vapor pressure :	not determined
Relative vapor density :	not determined
Density :	8.900 - 9.100 lb/gal
Solubility(ies)	
Water solubility :	dispersible
Partition coefficient: n-octanol/water	No data available
Auto ignition temperature :	not determined
Viscosity	
Viscosity, dynamic :	125 - 1,125 cP
Solid Content, % by weight: :	54 - 56
VOC, % by weight :	1.1

SECTION 10. STABILITY AND REACTIVITY

Chemical stability:	The product is chemically stable.
Possibility of hazardous reactions:	Hazardous polymerization does not occur.
Hazardous decomposition products:	Stable under normal conditions.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product:

Acute oral toxicity : Acute toxicity estimate : > 5,000 mg/kg
Method: Calculation method

Acute dermal toxicity : Acute toxicity estimate : > 5,000 mg/kg
Method: Calculation method

Skin corrosion/irritation:	No data available
Serious eye damage/eye irritation:	No data available
Respiratory or skin sensitization:	No data available
Germ cell mutagenicity:	No data available
Carcinogenicity:	No data available
Reproductive toxicity:	No data available
STOT-single exposure:	No data available
STOT-repeated exposure:	No data available
Aspiration toxicity:	No data available



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SECTION 12. ECOLOGICAL INFORMATION

Eco toxicity: No data available

Persistence and degradability: No data available

Bio accumulative potential

Mobility in soil: No data available

Other adverse effects: No data available

SECTION 13. DISPOSAL

CONSIDERATIONS Disposal methods

Waste from residues: To the best of our knowledge, this product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261. Solidify and dispose of in an approved landfill. Consult state, local or provincial authorities for more restrictive requirements. The hazard and precautionary statements displayed on the label also apply to any residues left in the container.

SECTION 14. TRANSPORT INFORMATION

Special precautions for user

Remarks : Not dangerous goods

Domestic regulation

International Regulation

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:

Not applicable for product as supplied.

SECTION 15. REGULATORY INFORMATION

SARA 311/312 Hazards : Acute Health Hazard

SARA 302 : SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) report.

Clean Air Act:

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).

US State Regulations

California Prop 65: This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

The ingredients of this product are reported in the following inventories:

TSCA On TSCA Inventory

DSL All components of this product are on the Canadian DSL.

REACH Not in compliance with the inventory



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AICS	On the inventory, or in compliance with the inventory
NZIoC	Not in compliance with the inventory
ENCS	Not in compliance with the inventory
KECI	Not in compliance with the inventory
PICCS	Not in compliance with the inventory
IECSC	On the inventory, or in compliance with the inventory
TWINV	Not in compliance with the inventory

Inventory Legend TSCA (USA), DSL (Canada), REACH(Europe), AICS (Australia), NZIoC (New Zealand), ENCS (Japan), KECI (Korea), PICCS (Philippines), IECSC (China), TWINV (Taiwan)

SECTION 16. OTHER INFORMATION

Prepared by: Global Regulatory Department - phone: 1-760-393-8337

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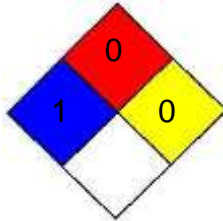


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Further information

NFPA:

Flammability
Health



HMIS III:

HMIS III

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0

0 = not significant, 1 = Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

Notes: