

Home Armor Mildew Stain Remover

Revision: 05/21/2020

Supersedes Revision: 07/08/2019

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name:	Home Armor Mildew Stain Remover	
Company Name:	W. M. Barr 2105 Channel Avenue Memphis, TN 38113	Phone Number: (901)775-0100
Web site address:	www.wmbarr.com	
Emergency Contact:	3E 24 Hour Emergency Contact	(800)451-8346
Information:	W.M. Barr Customer Service	(800)398-3892
Product Code:	FG523, FG523B, BSNX109.4, FG523WS, FG523BLK	

2. HAZARDS IDENTIFICATION

Serious Eye Damage/Eye Irritation, Category 1



GHS Signal Word:	Danger
GHS Hazard Phrases:	Causes serious eye damage.
GHS Precautionary Phrases:	Wear protective gloves/protective clothing/eye protection/face protection.
GHS Response Phrases:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.
GHS Storage and Disposal Phrases:	No phrases apply.
OSHA Regulatory Status:	This material is classified as hazardous under OSHA regulations.
Potential Health Effects (Acute and Chronic):	This product has not been tested as a whole to determine health effects. The health effects listed below are associated with the individual ingredients. EYES: Contact may cause severe irritation. May cause discomfort, pain, blinking, tear production, redness, swelling, and chemical burns of the eye. SKIN: May cause skin irritation. Prolonged skin contact may cause mild to moderate local redness and swelling. INHALATION: Vapor may cause headache, nausea, and dizziness. May cause irritation of the upper respiratory tract. INGESTION: May produce signs of intoxication characterized by incoordination, dizziness, drowsiness, headache, nausea, mental confusion, possibly slurred speech, and stupor, depending on the quantity of material ingested. May result in burns of the mouth and throat. CHRONIC OVEREXPOSURE EFFECTS: Diethylene Glycol Monobutyl Ether: In animals, effects have been reported on blood (hemolysis) and secondary effects on the kidney and liver. Humans appear to be resistant to this effect. EDTA and its sodium salts have been reported to cause birth defects in laboratory animals only at exaggerated doses that were toxic to the mother. These effects are likely associated with zinc deficiency due to chelation.

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TARGET ORGANS: skin, respiratory system, eyes

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
64-02-8	Ethylenediamine tetraacetic acid, tetrasodium salt	1.0 -5.0 %
68439-46-3	Alcohol ethoxylate (Alcohols, C9-11, Ethoxylated)	1.0 -5.0 %
112-34-5	Diethylene glycol monobutyl ether {2-(2-Butoxyethoxy)ethanol {(a glycol ether)}}	1.0 -5.0 %

Additional Chemical Information Specific percentage of composition is being withheld as a trade secret.

4. FIRST AID MEASURES

Emergency and First Aid Procedures:

Skin:

Immediately begin washing the skin thoroughly with large amounts of water and mild soap, if available, while removing contaminated clothing. Seek medical attention if irritation persists.

Eyes:

Immediately begin to flush eyes with water, remove any contact lens. Continue to flush the eyes for at least 15 minutes, then seek immediate medical attention.

Inhalation:

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

Ingestion:

If swallowed, do NOT induce vomiting. Seek immediate medical attention. Call a physician, hospital emergency room, or poison control center immediately. Never give anything by mouth to an unconscious person. If spontaneous vomiting is about to occur, place victim's head below knees. If victim is drowsy or unconscious, place on the left side with head down.

Note to Physician:

Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

5. FIRE FIGHTING MEASURES

Flash Pt: N.D.

Explosive Limits: LEL: N.D. UEL: N.D.

Autoignition Pt: N.D.

Suitable Extinguishing Media: Non-combustible liquid - use extinguishing media for underlying cause of fire.

Unsuitable Extinguishing Media: None known.

Fire Fighting Instructions: Self-contained respiratory protection should be provided for fire fighters fighting fires in buildings or confined areas. Storage containers exposed to fire should be kept cool with water spray to prevent pressure build-up. Stay away from heads of containers that have been exposed to intense heat or flame.

Flammable Properties and Hazards: Flashpoint: No flash to boiling.

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Hazardous Combustion Carbon monoxide, carbon dioxide**Products:****6. ACCIDENTAL RELEASE MEASURES****Steps To Be Taken In Case Material Is Released Or Spilled:** For small spills: Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

For large spills: Wear appropriate PPE and keep all unnecessary personnel out of the area. Stop spill at the source, dike ahead of the spill if possible, and contain the spill. Recover as much as possible and use absorbent material to collect the remaining liquid. Prevent runoff from entering drains, sewers, or bodies of water.

Dispose of according to all applicable local, state, and federal regulations.

7. HANDLING AND STORAGE**Precautions To Be Taken in Handling:** Avoid contact with eyes, skin, and clothing. Do not reuse this container.**Precautions To Be Taken in Storing:** Keep from freezing. Store in a cool dry place.**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Respiratory Equipment (Specify Type):** When used as directed, respiratory equipment should not be needed. Wear NIOSH approved respiratory protective equipment when vapor or mists may exceed applicable concentration limits.**Eye Protection:** Safety glasses should be worn during normal handling of this material.

Where contact with the eyes or face is likely, a faceshield or chemical splash goggles should be worn to prevent eye contact.

Protective Gloves: Wear gloves with as much resistance to the chemical ingredients as possible. Glove materials such as nitrile rubber and latex will provide protection. Glove selection should be based on chemicals being used and conditions of use. Consult your glove supplier for additional information.**Other Protective Clothing:** Various application methods can dictate use of additional protective safety equipment, such as impermeable aprons, etc., to minimize exposure.**Engineering Controls (Ventilation etc.):** Ventilation is normally not required when handling or using this product to keep exposure to airborne contaminants below the exposure limit.**Work/Hygienic/Maintenance Practices:** Wash hands thoroughly after use and before eating, drinking, smoking, or using the restroom.

Do not eat, drink, or smoke in the work area.

Discard any clothing or other protective equipment that cannot be decontaminated.

Facilities storing or handling this material should be equipped with an emergency eyewash and safety shower.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical States:	[] Gas [X] Liquid [] Solid
Appearance and Odor:	Free and clear, colorless.
pH:	8 - 10
Melting Point:	N.D.
Boiling Point:	212.00 F
Flash Pt:	N.D.
Evaporation Rate:	ND
Flammability (solid, gas):	No data available.
Explosive Limits:	LEL: N.D. UEL: N.D.
Vapor Pressure (vs. Air or mm Hg):	< 0.1 MM HG at 68.0 F
Vapor Density (vs. Air = 1):	ND
Specific Gravity (Water = 1):	0.998 - 1.002
Density:	8.47
Solubility in Water:	complete
Saturated Vapor Concentration:	ND
Octanol/Water Partition Coefficient:	ND
Percent Volatile:	N.D.
Autoignition Pt:	N.D.
Decomposition Temperature:	N.D.
Viscosity:	ND
Additional Physical Information	ND = Not Determined

10. STABILITY AND REACTIVITY

Stability:	Unstable [] Stable [X]
Conditions To Avoid - Instability:	No data available.
Incompatibility - Materials To Avoid:	Oxidizers, reactive metals, materials reactive with hydroxyl compounds, amines, strong acids
Hazardous Decomposition or Byproducts:	Carbon monoxide, carbon dioxide, ammonia, nitrogen oxides, aldehydes
Possibility of Hazardous Reactions:	Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions:	No data available.

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11. TOXICOLOGICAL INFORMATION

Toxicological Information: This product has not been tested as a whole. Refer to section 2 for acute and chronic effects.

CAS# 64-02-8:
Standard Draize Test, Skin, Species: Rabbit, 500.0 MG, 24 H, Moderate.
Result:
Blood:Other changes.
Biochemical: Metabolism (Intermediary): Other proteins.
- "Sbornik Vysledku Toxikologickeho Vysetreni Latek A Pripravku," , Institut Pro Vychovu Vedoucicn P, Marhold, J.V., Institut Pro Vychovu Vedoucicn, Pracovniku Chemickeho, Prumyclu Praha Czechoslovakia, Vol/p/yr: -,306, 1972

CAS# 68439-46-3:
Acute toxicity, LD50, Oral, Rat, 1378. MG/KG.
Result:
Behavioral: Somnolence (general depressed activity).
Behavioral: Ataxia.
Gastrointestinal:Hypermotility, diarrhea.
- Journal of the American College of Toxicology., Mary Ann Liebert, Inc., New York, NY, Vol/p/yr: 10(4),427, 1991

CAS# 112-34-5:
Standard Draize Test, Eyes, Species: Rabbit, 20.00 MG, Severe.
Result:
Behavioral: Anticonvulsant.
- American Journal of Ophthalmology., Ophthalmic Pub. Co., 435 N. Michigan Ave., Suite 1415, Chicago, IL 60611, Vol/p/yr: 29,1363, 1946

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
64-02-8	Ethylenediamine tetraacetic acid, tetrasodium salt	n.a.	n.a.	n.a.	n.a.
68439-46-3	Alcohol ethoxylate (Alcohols, C9-11, Ethoxylated)	n.a.	n.a.	n.a.	n.a.
112-34-5	Diethylene glycol monobutyl ether {2-(2-Butoxyethoxy)ethanol {(a glycol ether)}}	n.a.	n.a.	n.a.	n.a.

12. ECOLOGICAL INFORMATION

General Ecological Information: This product has not been tested as a whole.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose in accordance with applicable local, state and federal regulations.

14. TRANSPORT INFORMATION

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LAND TRANSPORT (US DOT):**DOT Proper Shipping Name:** Not regulated by D.O.T.**DOT Hazard Class:****UN/NA Number:**

15. REGULATORY INFORMATION

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
64-02-8	Ethylenediamine tetraacetic acid, tetrasodium salt	No	No	No
68439-46-3	Alcohol ethoxylate (Alcohols, C9-11, Ethoxylated)	No	No	No
112-34-5	Diethylene glycol monobutyl ether {2-(2-Butoxyethoxy)ethanol {(a glycol ether)}}	No	No	Yes-Cat. N230

CAS # Hazardous Components (Chemical Name) Other US EPA or State Lists

64-02-8	Ethylenediamine tetraacetic acid, tetrasodium salt	TSCA: Inventory
68439-46-3	Alcohol ethoxylate (Alcohols, C9-11, Ethoxylated)	TSCA: Inventory
112-34-5	Diethylene glycol monobutyl ether {2-(2-Butoxyethoxy)ethanol {(a glycol ether)}}	CAA HAP,ODC: Yes - Cat. TSCA: Inventory

Additional Regulatory Information**Regulatory Information Statement:**

This product is regulated by the United States Consumer Product Safety Commission and is subject to certain labeling requirements under the Federal Hazardous Substances Act. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS). The product label also includes other important information, including directions for use, and should always be read in its entirety prior to using the product.

All components of this material are listed on the TSCA Inventory or are exempt.

16. OTHER INFORMATION

Revision Date: 05/21/2020**Preparer Name:** W.M. Barr EHS Dept (901)775-0100**Additional Information About This Product:** No data available.**Company Policy or Disclaimer:**

The information contained herein is presented in good faith and believed to be accurate as of the effective date shown above. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.