

**SAFETY DATA SHEET**  
**Home Armor Mildew Stain Remover Plus**  
**Blocker**

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Printed: 10/01/2014  
Revision: 08/14/2014  
Supersedes Revision: 06/16/2014

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** Home Armor Mildew Stain Remover Plus Blocker  
**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  
**Synonyms:** FG523, FG533, FG301, BSNX109.4

**2. HAZARDS IDENTIFICATION**

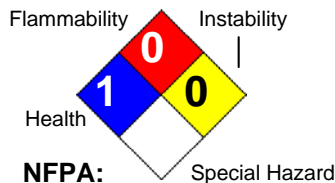
**Serious Eye Damage/Eye Irritation, Category 1**



**GHS Signal Word:** Danger  
**GHS Hazard Phrases:** H318: Causes serious eye damage.  
**GHS Precaution Phrases:** P280: Wear protective gloves/protective clothing/eye protection/face protection.  
**GHS Response Phrases:** P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310: Immediately call a POISON CENTER/doctor.  
**GHS Storage and Disposal Phrases:** No phrases apply.

**Hazard Rating System:**

<b>HEALTH</b>	*	<b>1</b>
<b>FLAMMABILITY</b>		<b>0</b>
<b>PHYSICAL</b>		<b>0</b>
<b>PPE</b>		<b>X</b>



**HMIS:**

**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

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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.

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 %

### 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:**

No data.

**Explosive Limits:**

LEL: No data.

UEL: No data.

**Autoignition Pt:**

No data.

**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**

Flashpoint: No flash to boiling.

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Hazards:

## 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

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
64-02-8	Ethylenediamine tetraacetic acid, tetrasodium salt	No data.	No data.	No data.
68439-46-3	Alcohol ethoxylate (Alcohols, C9-11, Ethoxylated)	No data.	No data.	No data.
112-34-5	Diethylene glycol monobutyl ether {2-(2-Butoxyethoxy)ethanol {(a glycol ether)}}	No data.	No data.	No data.

**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.

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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.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical States:</b>	[ ] Gas [ X ] Liquid [ ] Solid	
<b>Appearance and Odor:</b>	Free and clear, colorless.	
<b>Melting Point:</b>	No data.	
<b>Boiling Point:</b>	212.00 F	
<b>Autoignition Pt:</b>	No data.	
<b>Flash Pt:</b>	No data.	
<b>Explosive Limits:</b>	LEL: No data.	UEL: No data.
<b>Specific Gravity (Water = 1):</b>	0.998 - 1.002	
<b>Density:</b>	8.47	
<b>Vapor Pressure (vs. Air or mm Hg):</b>	< 0.1 MM HG at 68.0 F	
<b>Vapor Density (vs. Air = 1):</b>	No data.	
<b>Evaporation Rate:</b>	No data.	
<b>Solubility in Water:</b>	complete	
<b>pH:</b>	8 - 10	
<b>Percent Volatile:</b>	N.D.	

## 10. STABILITY AND REACTIVITY

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

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## 11. TOXICOLOGICAL INFORMATION

**Toxicological Information:** This product has not been tested as a whole.

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# 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

Standard Draize Test, Eyes, Species: Rabbit, 20.00 MG, 24 H, Moderate.  
Result:  
Behavioral: Abuse.  
Endocrine: Differential effect of sex or castration on observed toxicity.  
- Prehled Prumyslove Toxikologie, Marhold, J., Organicke Latky, Prague Czechoslovakia, Vol/p/yr: -,635, 1986

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

**LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:** Not regulated by D.O.T.  
**DOT Hazard Class:**  
**UN/NA Number:**

**Additional Transport Information:** For D.O.T. information, contact W.M. Barr Technical Services at 1-800-398-3892.

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**15. REGULATORY INFORMATION**

**This material meets the EPA**  Yes  No Acute (immediate) Health Hazard  
**'Hazard Categories' defined**  Yes  No Chronic (delayed) Health Hazard  
**for SARA Title III Sections**  Yes  No Fire Hazard  
**311/312 as indicated:**  Yes  No Sudden Release of Pressure Hazard  
 Yes  No Reactive Hazard

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
64-02-8	Ethylenediamine tetraacetic acid, tetrasodium salt	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
68439-46-3	Alcohol ethoxylate (Alcohols, C9-11, Ethoxylated)	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
112-34-5	Diethylene glycol monobutyl ether {2-(2-Butoxyethoxy)ethanol {(a glycol ether)}	CAA HAP,ODC: HAP; CWA NPDES: No; TSCA: Yes - Inventory, 4 Test; CA PROP.65: No

**Regulatory Information Statement:** All components of this material are listed on the TSCA Inventory or are exempt.

**16. OTHER INFORMATION**

**Revision Date:** 08/14/2014  
**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.