

Mold Armor Mildew Stain Remover Plus

Printed: 04/27/2015

Revision: 04/17/2015

Blocker

Supersedes Revision: 03/26/2015

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name:	Mold 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 Information:	3E 24 Hour Emergency Contact W.M. Barr Customer Service	(800)451-8346 (800)398-3892
Synonyms:	FG523, FG533, FG301, BSNX109.4	
Additional Information	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.	

2. HAZARDS IDENTIFICATION

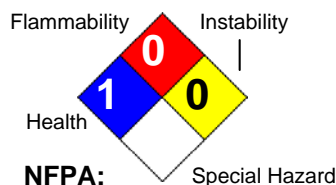
Serious Eye Damage/Eye Irritation, Category 1



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:

HEALTH	*	1
FLAMMABILITY		0
PHYSICAL		0
PPE		X



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,

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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.

TARGET ORGANS: skin, respiratory system, eyes

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration	RTECS #
64-02-8	Ethylenediamine tetraacetic acid, tetrasodium salt	1.0 -5.0 %	AH5075000
68439-46-3	Alcohol ethoxylate (Alcohols, C9-11, Ethoxylated)	1.0 -5.0 %	AZ8100000
112-34-5	Diethylene glycol monobutyl ether {2-(2-Butoxyethoxy)ethanol {(a glycol ether)}}	1.0 -5.0 %	KJ9100000

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.

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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 Hazards:	Flashpoint: No flash to boiling.	

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.

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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.

9. PHYSICAL AND CHEMICAL PROPERTIES

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

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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.

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 Toxilogickeho 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
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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:

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

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: 04/17/2015

Preparer Name: W.M. Barr EHS Dept (901)775-0100

Additional Information About This Product: No data available.

This Product:

Company Policy or The information contained herein is presented in good faith and believed to be accurate

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