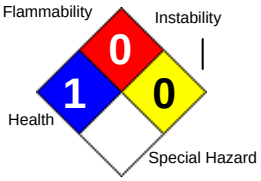
MATERIAL SAFETY DATA SHEET
Mold Armor Mildew Remover Plus Blocker

HEALTH	*	1
FLAMMABILITY		0
PHYSICAL		0
PPE		X



Printed: 02/06/2013
Revision: 01/29/2013
Supercedes Revision: 10/18/2012

1. Product and Company Identification

Product Code: BSNX109.4

Product Name: Mold Armor Mildew Remover Plus Blocker

Manufacturer Information

Company Name: W. M. Barr
2105 Channel Avenue
Memphis, TN 38113

Phone Number: (901)775-0100

Emergency Contact: 3E 24 Hour Emergency Contact (800)451-8346

Information: W.M. Barr Customer Service (800)398-3892

Web site address: www.wmbarr.com

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

Synonyms

FG523, FG533

Revision Date: 01/29/2013

2. Hazards Identification

Emergency Overview

Caution: Harmful if swallowed. May cause eye irritation.

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.

TARGET ORGANS: skin, respiratory system, eyes

Signs and Symptoms Of Exposure

No data available.

Medical Conditions Generally Aggravated By Exposure

No data available.

OSHA Regulatory Status:

This material is classified as hazardous under OSHA regulations.

3. Composition/Information on Ingredients

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

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.

Hazardous Combustion Products

Carbon monoxide, carbon dioxide

Suitable Extinguishing Media

Non-combustible liquid - use extinguishing media for underlying cause of fire.

Unsuitable Extinguishing Media

None known.

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 unecessary 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

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

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

Melting Point: No data.

Boiling Point: 210 F

Autoignition Pt: No data.

Flash Pt: 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 F

Vapor Density (vs. Air = 1): No data.

Evaporation Rate: No data.

Solubility in Water: complete

Percent Volatile: N.D.

pH: 8 - 10

Appearance and Odor

Free and clear, colorless.

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

No data available.

Chronic Toxicological Effects

No data available.

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

12. Ecological Information

General Ecological Information

Not tested.

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.

Additional Transport Information

For D.O.T. information, contact W.M. Barr Technical Services at 1-800-398-3892.

15. Regulatory Information

US EPA SARA Title III

Hazardous Components (Chemical Name)	CAS #	Sec.302 (EHS)	Sec.304 RQ	Sec.313 (TRI)	Sec.110
1. Ethylenediamine tetraacetic acid, tetrasodium salt	64-02-8	No	No	No	No
2. Alcohol ethoxylate (Alcohols, C9-11, Ethoxylated)	68439-46-3	No	No	No	No
3. Diethylene glycol monobutyl ether {2-(2-Butoxyethoxy)ethanol {(a glycol ether)}	112-34-5	No	No	Yes-Cat. N230	No

Other US EPA or State Lists

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

EPA Hazard Categories:

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

[X] Yes [ ] No Acute (immediate) Health Hazard

[X] Yes [ ] No Chronic (delayed) Health Hazard

[ ] Yes [X] No Fire Hazard

[ ] Yes [X] No Sudden Release of Pressure Hazard

[ ] Yes [X] No Reactive Hazard

Regulatory Information Statement

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

16. Other Information

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.