

## Mold Armor Mold Eliminator &amp; Disinfectant

Revision: 09/01/2020

Supersedes Revision: 09/06/2018

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Mold Armor Mold Eliminator & Disinfectant

**Manufacturer Information:**

**Company Name:** LONZA

**Supplier Name and Address:**

**Company Name:** WM Barr & Company  
6750 Lenox Center Court  
Suite 200  
Memphis, TN 38115

**Web site address:** www.wmbarr.com

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

**Information:** WM Barr Customer Service (800)398-3892

**Product Code:** FG550, FG552

**Additional Information** EPA Registration # 10324-85-4091

## 2. HAZARDS IDENTIFICATION

## Serious Eye Damage/Eye Irritation, Category 2B

**GHS Signal Word:** **Warning**

**GHS Hazard Phrases:** Causes mild skin irritation.  
Causes eye irritation.

**GHS Precautionary Phrases:** Wash hands thoroughly after handling.

**GHS Response Phrases:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If skin irritation occurs, get medical advice/attention.  
If eye irritation persists, get medical advice/attention.

**GHS Storage and Disposal Phrases:** No phrases apply.

**Other Hazards:** Causes mild skin irritation.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
64-02-8	Ethylenediamine tetraacetic acid, tetrasodium salt	1.0 -5.0 %
112-34-5	Diethylene glycol monobutyl ether {2-(2-Butoxyethoxy)ethanol {(a glycol ether)}}	1.0 -5.0 %
68424-85-1	Quaternary ammonium compounds,benzyl-C12-16-alkyldimethyl, chlorides	0.1 -1.0 %
61788-90-7	Amines, coco alkyldimethyl, N-oxides	0.1 -1.0 %
68439-46-3	Alcohol ethoxylate (Alcohols, C9-11, Ethoxylated)	0.1 -1.0 %

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

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## 4. FIRST AID MEASURES

**Emergency and First Aid Procedures:**

<b>In Case of Inhalation:</b>	If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration.
<b>In Case of Skin Contact:</b>	IF ON SKIN: Gently wash with plenty of soap and water.
<b>In Case of Eye Contact:</b>	Immediately flush eyes with water for at least 15 minutes while holding eyelids open. Get medical attention.
<b>In Case of Ingestion:</b>	Wash out mouth with water provided person is conscious. Do NOT induce vomiting. Call a physician, hospital emergency room, or poison control center immediately. Never give anything by mouth to an unconscious person.

## 5. FIRE FIGHTING MEASURES

<b>Flash Pt:</b>	N.D.
<b>Explosive Limits:</b>	LEL: N.D. UEL: N.D.
<b>Autoignition Pt:</b>	N.D.
<b>Suitable Extinguishing Media:</b>	Use water spray, dry chemical, carbon dioxide, or appropriate foam.
<b>Fire Fighting Instructions:</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH approved or equivalent) and full protective gear.
<b>Flammable Properties and Hazards:</b>	No data available.
<b>Hazardous Combustion Products:</b>	Heating or fire may cause decomposition and toxic fumes.
<b>Additional Fire Fighting Information</b>	Use water spray to cool unopened containers.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Protective Precautions, Protective Equipment and Emergency Procedures:</b>	Wear respiratory protection when performing operations involving portenal exposure to vapour of the product.
<b>Environmental Precautions:</b>	Do not let product enter drains.
<b>Steps To Be Taken In Case Material Is Released Or Spilled:</b>	Vacuum or sweep up material and place in disposal container. Avoid runoff into storm sewers and ditches which lead to waterways.

## 7. HANDLING AND STORAGE

<b>Precautions To Be Taken in Handling:</b>	Use with adequate ventilation. Avoid contact with eyes, skin, and clothing.
<b>Precautions To Be Taken in Storing:</b>	Store in a tightly closed container.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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<b>Respiratory Equipment (Specify Type):</b>	Use only with adequate ventilation to prevent buildup of vapors. Do not use in areas where vapors can accumulate and concentrate, such as basements, bathrooms or small enclosed areas. Whenever possible, use outdoors in an open air area. If using indoors open all windows and doors and maintain a cross ventilation of moving fresh air across the work area. If strong odor is noticed or you experience slight dizziness, headache, nausea or eye-watering -- STOP -- ventilation is inadequate. Leave area immediately and move to fresh air.
<b>Eye Protection:</b>	Wear appropriate protective eyeglasses or chemical safety goggles.
<b>Protective Gloves:</b>	Wear appropriate gloves to prevent skin exposure.
<b>Other Protective Clothing:</b>	Wear appropriate protective clothing to prevent skin exposure.
<b>Engineering Controls (Ventilation etc.):</b>	No data available.
<b>Work/Hygienic/Maintenance Practices:</b>	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

<b>Physical States:</b>	<input type="checkbox"/> Gas <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Solid
<b>Appearance and Odor:</b>	Clear Odor threshold not determined.
<b>pH:</b>	11.5 - 12.5
<b>Melting Point:</b>	N.D.
<b>Boiling Point:</b>	N.D.
<b>Flash Pt:</b>	N.D.
<b>Evaporation Rate:</b>	N.D.
<b>Flammability (solid, gas):</b>	No data available.
<b>Explosive Limits:</b>	LEL: N.D.    UEL: N.D.
<b>Vapor Pressure (vs. Air or mm Hg):</b>	N.D.
<b>Vapor Density (vs. Air = 1):</b>	N.D.
<b>Specific Gravity (Water = 1):</b>	N.D.
<b>Density:</b>	8.35 - 8.45 LB/GL
<b>Solubility in Water:</b>	N.D.

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Octanol/Water Partition Coefficient:	ND
Autoignition Pt:	N.D.
Decomposition Temperature:	No data.
Viscosity:	N.D.
Additional Physical Information	ND = Not Determined.

## 10. STABILITY AND REACTIVITY

Stability:	Unstable [ <input type="checkbox"/> ]    Stable [ <input checked="" type="checkbox"/> ]
Conditions To Avoid - Instability:	No data available.
Incompatibility - Materials To Avoid:	No data available.
Hazardous Decomposition or Byproducts:	No data available.
Possibility of Hazardous Reactions:	Will occur [ <input type="checkbox"/> ]    Will not occur [ <input checked="" type="checkbox"/> ]
Conditions To Avoid - Hazardous Reactions:	No data available.

## 11. TOXICOLOGICAL INFORMATION

<b>Toxicological Information:</b>	<p>This product has not been tested as a whole. Information below will be for individual ingredients. Refer to section 2 for acute and chronic health effects.</p> <p>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</p> <p>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</p> <p>CAS# 68424-85-1: Acute toxicity, LD50, Oral, Rat, 426.0 MG/KG. Result: Behavioral: Irritability. Skin and Appendages: Skin: After topical exposure: Primary irritation. - U.S. Army, Environmental Hygiene Agency Reports., Vol/p/yr: 5177T7-66, 1967</p> <p>Standard Draize Test, Skin, Species: Rabbit, 25.00 MG, Severe. Result: Nutritional and Gross Metabolic:Weight loss or decreased weight gain.</p>
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Nutritional and Gross Metabolic: Changes in phosphorus.  
 Nutritional and Gross Metabolic: Changes in: K.  
 - U.S. Army, Environmental Hygiene Agency Reports., Vol/p/yr: 5177T7-66/,

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

**12. ECOLOGICAL INFORMATION**

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

**13. DISPOSAL CONSIDERATIONS**

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

**14. TRANSPORT INFORMATION****LAND TRANSPORT (US DOT):****DOT Proper Shipping Name:** Not Regulated.**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
112-34-5	Diethylene glycol monobutyl ether {2-(2-Butoxyethoxy)ethanol {(a glycol ether)}	No	No	Yes-Cat. N230
68424-85-1	Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	No	No	No
61788-90-7	Amines, coco alkyldimethyl, N-oxides	No	No	No
68439-46-3	Alcohol ethoxylate (Alcohols, C9-11, Ethoxylated)	No	No	No

**Additional Regulatory Information** This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

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**16. OTHER INFORMATION**

**Revision Date:** 09/01/2020

**Additional Information About This Product:** No data available.

**Company Policy or Disclaimer:**