

SAFETY DATA SHEET
Mold Armor Mold & Mildew Killer + Quick
Stain Remover

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Revision: 04/07/2021

Supersedes Revision: 09/01/2020

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name:	Mold Armor Mold & Mildew Killer + Quick Stain Remover	
Company Name:	W. M. Barr	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
Intended Use:	Mold and Mildew Stain Remover	
Product Code:	FG502, FG502AM, FG502AMBLK, FG502BLK, FG502W	
Additional Information	EPA Registration # 4091-23	

2. HAZARDS IDENTIFICATION

Skin Corrosion/Irritation, Category 2

Serious Eye Damage/Eye Irritation, Category 2A



GHS Signal Word:	Warning
GHS Hazard Phrases:	Causes skin irritation. Causes serious eye irritation.
GHS Precautionary Phrases:	Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.
GHS Response Phrases:	IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Specific treatment see label. If skin irritation occurs, get medical advice/attention. If eye irritation persists, get medical advice/attention. Take off contaminated clothing and wash before re-use.
GHS Storage and Disposal Phrases:	No phrases apply.
Potential Health Effects (Acute and Chronic):	Listed above.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
7681-52-9	Sodium hypochlorite {Hypochlorous acid, sodium salt}	1.0 -5.0 %
1310-73-2	Sodium hydroxide {Caustic soda; Lye solution}	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:	<p>Inhalation: If user experiences breathing difficulty, move to air free of vapors. Administer oxygen or artificial respiration until medical assistance can be rendered.</p> <p>Skin contact: Wash with soap and large quantities of water for at least 15 minutes. Seek medical attention if irritation from contact persists.</p> <p>Eye contact: Immediately flush eyes with water, remove any contact lens, continue flushing with water for at least 15 minutes. Get medical attention.</p> <p>Ingestion: If conscious, drink one or two glasses of water or milk, or give milk of magnesia. Never attempt to give anything by mouth to an unconscious person. Call your poison control center, hospital emergency room, or physician immediately.</p>
Signs and Symptoms Of Exposure:	Refer to Section 2.
Note to Physician:	Treat symptomatically and supportively.

5. FIRE FIGHTING MEASURES

Flash Pt:	Nonflammable
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. Use water spray to cool nearby containers and structures exposed to fire.
Flammable Properties and Hazards:	This material is non-combustible.
Hazardous Combustion Products:	No data available.

6. ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Released Or Spilled:	<p>Clean-up: Keep unnecessary people away, isolate hazard area and deny entry. Stay upwind, out of low areas, and ventilate closed spaces before entering.</p> <p>Small spills: Take up the spilled liquid with sand, earth, or other noncombustible absorbent material and place in a plastic container where applicable.</p> <p>Large spills: Dike far ahead of spill for later disposal.</p> <p>Keep material out of sewers, storm drains, surface waters, and soil. Sodium hypochlorite is very toxic to aquatic life.</p>
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7. HANDLING AND STORAGE

Precautions To Be Taken in Handling: Read carefully all cautions and directions on product label before use. Since empty container retains residue, follow all label warnings even after container is empty. Dispose of empty container according to all regulations. Do not reuse this container.

Precautions To Be Taken in Storing: Keep container tightly closed when not in use. Store in a cool, dry place. Protect from freezing. Avoid extreme high or low temperatures.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Chemical Name	Jurisdiction	Recommended Exposure Limits	Notations
1310-73-2	Sodium hydroxide {Caustic soda; Lye solution}	ACGIH TLV	CEIL: 2 mg/m ³	
		OSHA PELs	PEL: 2 mg/m ³	
Respiratory Equipment (Specify Type):		Ensure adequate ventilation.		
Eye Protection:		Eye protection recommended.		
Protective Gloves:		Rubber or neoprene gloves.		
Other Protective Clothing:		Various application methods can dictate use of additional protective safety equipment, such as impermeable aprons, etc., to minimize exposure. Before reuse, thoroughly clean any clothing or protective equipment that has been contaminated by prior use. Discard any clothing or other protective equipment that cannot be decontaminated, such as gloves or shoes.		
Engineering Controls (Ventilation etc.):		Use only with adequate ventilation to prevent build-up of vapors. Open all windows and doors. Use only with 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.		
Work/Hygienic/Maintenance Practices:		A source of clean water should be available in the work area for flushing eyes and skin. Do not eat, drink, or smoke in the work area.		
Wash hands thoroughly after use.				

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical States:	<input type="checkbox"/> Gas <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Solid
Appearance and Odor:	Clear. Bleach odor. Odor threshold not determine.
pH:	12 - 13.5
Melting Point:	N.D.
Boiling Point:	N.D.
Flash Pt:	Nonflammable
Evaporation Rate:	N.D.
Flammability (solid, gas):	No data available.
Explosive Limits:	LEL: N.D. UEL: N.D.
Vapor Pressure (vs. Air or mm Hg):	N.D.
Vapor Density (vs. Air = 1):	N.D.

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Specific Gravity (Water = 1): 1.07 - 1.10**Density:** 8.92 - 9.17**Solubility in Water:** Complete.**Octanol/Water Partition:** N.D.**Coefficient:****Percent Volatile:** N.D.**Autoignition Pt:** N.D.**Decomposition Temperature:** N.D.**Viscosity:** N.D.**Additional Physical Information:** N.D. = Not Determined**10. STABILITY AND REACTIVITY****Stability:** Unstable [] Stable [X]**Conditions To Avoid -** None known.**Instability:****Incompatibility - Materials To Avoid:** Incompatible with acids, ammonia, or other household chemicals. Do not mix with acids, ammonia, or other household chemicals as dangerous fumes may result.

Incompatible with strong oxidizing and reducing agents.

Hazardous Decomposition or Thermal decomposition: Thermal decomposition may produce chlorine gas.**Byproducts:****Possibility of Hazardous Reactions:** Will occur [] Will not occur [X]**Reactions:****Conditions To Avoid -** None known.**Hazardous Reactions:****11. TOXICOLOGICAL INFORMATION****Toxicological Information:** This product was not tested as a whole. Refer to section 2 for acute and chronic effects.

CAS# 1310-73-2:

Standard Draize Test, Skin, Species: Rabbit, 500.0 MG, 24 H, Severe.

Result:

Blood:Change in clotting factors.

Musculoskeletal: Other changes.

- "Sbornik Vysledku Toxikologickeho Vysetreni Latek A Pripravku," , Institut Pro Vychovu Vedoucich P, Marhold, J.V., Institut Pro Vychovu Vedoucich Pracovniku Chemickeho, Prumycul Praha Czechoslovakia, Vol/p/yr: -,7, 1972

Standard Draize Test, Eyes, Species: Rabbit, 1.000 %, Severe.

Result:

Blood:Other hemolysis with or without anemia.

Blood:Other changes.

Biochemical: Metabolism (Intermediary): Other proteins.

- American Journal of Ophthalmology., Ophthalmic Pub. Co., 435 N. Michigan Ave., Suite 1415, Chicago, IL 60611, Vol/p/yr: 29,1363, 1946

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CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
7681-52-9	Sodium hypochlorite {Hypochlorous acid, sodium salt}	n.a.	n.a.	n.a.	n.a.
1310-73-2	Sodium hydroxide {Caustic soda; Lye solution}	n.a.	n.a.	n.a.	n.a.

12. ECOLOGICAL INFORMATION

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

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose of in accordance with local, state, and federal laws.

14. TRANSPORT INFORMATION

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not regulated by 49 CFR.

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)
7681-52-9	Sodium hypochlorite {Hypochlorous acid, sodium salt}	No	Yes NA	No
1310-73-2	Sodium hydroxide {Caustic soda; Lye solution}	No	Yes NA	No

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

7681-52-9	Sodium hypochlorite {Hypochlorous acid, sodium salt}	TSCA: Inventory
1310-73-2	Sodium hydroxide {Caustic soda; Lye solution}	TSCA: Inventory

Additional Regulatory 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.

16. OTHER INFORMATION

Revision Date: 04/07/2021 **Previous revision:** 09/01/2020

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

Additional Information About N.D.: Not determined.

This Product:

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.