

**Mold Armor E-Z Multi-Purpose Pressure
Washer Concentrate**

Printed: 06/14/2022

Revision: 05/24/2022

Supersedes Revision: 05/09/2022

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Mold Armor E-Z Multi-Purpose Pressure Washer Concentrate
Company Name: W. M. Barr and Company, Inc.
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: W.M. Barr Customer Service (800)398-3892
Intended Use: Mold and Mildew Stain Remover
Product Code: FG583M
Additional Information EPA Registration # 4091-19.

2. HAZARDS IDENTIFICATION**Skin Corrosion/Irritation, Category 2****Serious Eye Damage/Eye Irritation, Category 2A****GHS Signal Word:** **Warning**

GHS Hazard Phrases: H315 - Causes skin irritation.
H319 - Causes serious eye irritation.

GHS Precautionary Phrases: P264 - Wash hands thoroughly after handling.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

GHS Response Phrases: P302+352 - IF ON SKIN: Wash with plenty of soap and water.
P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321 - Specific treatment see ... on this label.
P332+313 - If skin irritation occurs, get medical advice/attention.
P337+313 - If eye irritation persists, get medical advice/attention.
P362 - Take off contaminated clothing and wash before re-use.

**GHS Storage and Disposal
Phrases:**

OSHA Regulatory Status: This material is classified as hazardous under OSHA regulations.

**Potential Health Effects
(Acute and Chronic):** Causes skin and eye irritation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
7681-52-9	Sodium hypochlorite {Hypochlorous acid, sodium salt}	3.0 -7.0 %
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:

Inhalation:

If user experiences breathing difficulty, move to air free of vapors.

SKIN CONTACT

Wash with soap and water.

Wash with soap and large quantities of water for at least 15 minutes. Seek medical attention if irritation from contact persists. Seek medical attention if irritation persists.

Eye Contact:

Immediately flush eyes with water, remove any contact lens, continue flushing with water for at least 15 minutes. Get medical attention.

Ingestion:

Drink one or two glasses of water or milk. Never give anything by mouth to an unconscious person. Call your poison control center, hospital emergency room, or physician immediately for instructions.

5. FIRE FIGHTING MEASURES

Flammability Classification: Non-Combustible

Flash Pt: N.D.

Explosive Limits: LEL: UEL:

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. Storage containers exposed to fire should be kept cool with water spray to prevent pressure build-up. Storage containers exposed to fire should be kept cool with water spray to prevent pressure build-up.

Flammable Properties and Hazards: No flash to boiling. This material does not exhibit a flashpoint per the Setaflash Closed Cup test method.

Hazardous Combustion Products: irritating and toxic fumes and gases.

6. ACCIDENTAL RELEASE MEASURES

Protective Precautions, Protective Equipment and Emergency Procedures: Safety glasses and chemical resistant gloves recommended.

Steps To Be Taken In Case Material Is Released Or Spilled: After removal, flush contaminated area thoroughly with water. Avoid runoff into storm sewers and ditches which lead to waterways.

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 closed when not in use. Store in a cool, dry place. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Stay upwind, out of low area, and ventilate closed spaces before entering. Shut off ignition sources; keep flares,

SAFETY DATA SHEET

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smoking or flames out of hazard area.

SMALL SPILLS: take up liquid with sand, earth, or other noncombustible absorbent material and place in a plastic container where applicable.

LARGE SPILLS: dike far ahead of spill for later disposal.

For transportation related spills contact Chemtrec at 1-800-424-9300 for emergency assistance.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Chemical Name	Jurisdiction	Recommended Exposure Limits	Notations
1310-73-2	Sodium hydroxide	ACGIH TLV	CEIL: 2 mg/m3	
	{Caustic soda; Lye solution}	OSHA PELs	PEL: 2 mg/m3	
Respiratory Equipment (Specify Type):		When used by the consumer following directions for use and with adequate ventilation, respiratory protection should not be needed.		
Eye Protection:		Safety glasses and chemical resistant gloves recommended.		
Protective Gloves:		Wear impermeable gloves.		
Other Protective Clothing:				
Engineering Controls (Ventilation etc.):		Use with adequate ventilation.		
Work/Hygienic/Maintenance Practices:		A source of clean water should be available in the work area for flushing of eyes and skin. Do not eat, drink, or smoke in the work area. Wash hands thoroughly after use and before eating, drinking, or smoking.		

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical States:	[] Gas [X] Liquid [] Solid		
Appearance and Odor:	Clear to light yellow. Mild bleach odor.		
	Odor threshold not determined.		
pH:	12 - 13		
Melting Point:	N.D.		
Boiling Point:	> 99.90 F		
Flash Pt:	N.D.		
Evaporation Rate:	< 1 (BuAC=1)		
Flammability (solid, gas):			
Explosive Limits:	LEL:		UEL:
Vapor Pressure (vs. Air or mm Hg):	N.D.		
Vapor Density (vs. Air = 1):	> 1 Air = 1		
Specific Gravity (Water = 1):	1.0804		
Density:	8.989 LB/GL		
Solubility in Water:	Soluble		N.D.
Saturated Vapor Concentration:	N.D.		
Octanol/Water Partition	ND		

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Coefficient:
Percent Volatile: 93.05 % by weight.
Autoignition Pt: N.D.
Decomposition Temperature: N.D.
Viscosity: Water thin
a_fld_hdr[9]: VOC Category: Not Regulated.

 ND = Not Determined.

Information with regard to primary physical hazard:

10. STABILITY AND REACTIVITY

Stability: Unstable [] Stable [X]
Conditions To Avoid - 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.
Hazardous Decomposition or Byproducts: Wash hands thoroughly after use and before eating, drinking, or smoking.
Possibility of Hazardous Reactions: Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions:

11. TOXICOLOGICAL INFORMATION

Toxicological Information: This product has not been tested as a whole. Refer to section 2 for health 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 Vedoucicn P, Marhold, J.V., Institut Pro Vychovu Vedoucicn, Pracovniku Chemickeho, Prumyclu 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

Carcinogenicity: NTP? Unknown IARC Monographs? Unknown OSHA Regulated? Unknown

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12. ECOLOGICAL INFORMATION

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

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Follow label instructions for empty containers. 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:

Additional Transport Information: The shipper / supplier may be able to apply one of the following exceptions if allowed under 49 CFR Regulations: Combustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustion, or others, as allowed under 49 CFR Hazmat Regulations. Please consult 49 CFR Subchapter C to ensure that subsequent shipments comply with these exceptions. Please consult 49CFR Subchapter C to ensure that subsequent shipments comply with these exceptions.

IMDG/IMO: Not restricted, as per IMDG Code 2.10.2.7, Marine Pollutant exception.

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

Regulatory Information: PR Notice 2012-1.

Additional Regulatory Information
Regulatory Information Statement: 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.

16. OTHER INFORMATION

Revision Date: 05/24/2022 **Previous revision:** 05/09/2022

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

Additional Information About This Product:

Company Policy or Disclaimer: