

# SAFETY DATA SHEET

## Mold Armor Multipurpose Pressure Washer Cleaner

Revision: 07/28/2020

Supersedes Revision: 05/21/2020

### 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product Name:</b>	Mold Armor Multipurpose Pressure Washer Cleaner	
<b>Company Name:</b>	W. M. Barr and Company, Inc. 2105 Channel Avenue Memphis, TN 38113	<b>Phone Number:</b> (901)775-0100
<b>Web site address:</b>	www.wmbarr.com	
<b>Emergency Contact:</b>	3E 24 Hour Emergency Contact	(800)451-8346
<b>Information:</b>	W.M. Barr Customer Service	(800)398-3892
<b>Intended Use:</b>	Mold and Mildew Stain Remover	
<b>Product Code:</b>	FG583, FG583W, FG583HDWS, FG583WXX	

### 2. HAZARDS IDENTIFICATION

**Skin Corrosion/Irritation, Category 2**  
**Serious Eye Damage/Eye Irritation, Category 2A**



<b>GHS Signal Word:</b>	<b>Warning</b>
<b>GHS Hazard Phrases:</b>	Causes skin irritation. Causes serious eye irritation.
<b>GHS Precautionary Phrases:</b>	Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.
<b>GHS Response Phrases:</b>	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.
<b>GHS Storage and Disposal Phrases:</b>	No phrases apply.
<b>OSHA Regulatory Status:</b>	This material is classified as hazardous under OSHA regulations.
<b>Potential Health Effects (Acute and Chronic):</b>	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}	0.0 -1.0 %

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

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### 4. FIRST AID MEASURES

<b>Emergency and First Aid Procedures:</b>	<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: Drink one or two glasses of water or milk. Never attempt to give anything by mouth to an unconscious person. Call your poison control center, hospital emergency room, or physician immediately.</p>
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### 5. FIRE FIGHTING MEASURES

<b>Flash Pt:</b>	Non-Combustible
<b>Explosive Limits:</b>	LEL: No data. UEL: No data.
<b>Autoignition Pt:</b>	N.D.
<b>Suitable Extinguishing Media:</b>	Non-combustible liquid - use extinguishing media for underlying cause of fire.
<b>Unsuitable Extinguishing Media:</b>	None known.
<b>Fire Fighting Instructions:</b>	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.
<b>Flammable Properties and Hazards:</b>	No flash to boiling. This material does not exhibit a flashpoint per the Setaflash Closed Cup test method.
<b>Hazardous Combustion Products:</b>	Toxic fumes.

### 6. ACCIDENTAL RELEASE MEASURES

<b>Protective Precautions, Protective Equipment and Emergency Procedures:</b>	Safety glasses and chemical resistant gloves recommended.
<b>Steps To Be Taken In Case Material Is Released Or Spilled:</b>	After removal, flush contaminated area thoroughly with water. Avoid runoff into sewers.

### 7. HANDLING AND STORAGE

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

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### 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/m3	
		OSHA PELs	PEL: 2 mg/m3	
<b>Respiratory Equipment (Specify Type):</b>	When used by the consumer following directions for use and with adequate ventilation, respiratory protection should not be needed.			
<b>Eye Protection:</b>	Safety glasses recommended.			
<b>Protective Gloves:</b>	Wear impermeable gloves.			
<b>Other Protective Clothing:</b>	No data available.			
<b>Engineering Controls (Ventilation etc.):</b>	Use with adequate ventilation.			
<b>Work/Hygienic/Maintenance Practices:</b>	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

<b>Physical States:</b>	[ ] Gas [ X ] Liquid [ ] Solid		
<b>Appearance and Odor:</b>	Clear to light yellow Mild bleach odor		
<b>pH:</b>	12 - 13		
<b>Melting Point:</b>	N.D.		
<b>Boiling Point:</b>	> 99.90 F		
<b>Flash Pt:</b>	N.D.		
<b>Evaporation Rate:</b>	< 1 (BuAC=1)		
<b>Flammability (solid, gas):</b>	No data available.		
<b>Explosive Limits:</b>	LEL: No data.	UEL: No data.	
<b>Vapor Pressure (vs. Air or mm Hg):</b>	N.D.		
<b>Vapor Density (vs. Air = 1):</b>	> 1 Air = 1		
<b>Specific Gravity (Water = 1):</b>	1.0713 - 1.0913		
<b>Density:</b>	8.997 LB/GL		
<b>Solubility in Water:</b>	N.D.		
<b>Solubility Notes:</b>	Completely soluble in water.		
<b>Octanol/Water Partition Coefficient:</b>	ND		
<b>Percent Volatile:</b>	88.85 %		
<b>Autoignition Pt:</b>	N.D.		
<b>Decomposition Temperature:</b>	N.D.		
<b>Viscosity:</b>	N.D.		
<b>Additional Physical Information</b>	VOC Category: General Purpose Cleaner - Nonaerosol		
	ND = Not Determined		

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### 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Unstable [ <input type="checkbox"/> ]    Stable [ <input checked="" type="checkbox"/> ]
<b>Conditions To Avoid - Instability:</b>	No data available.
<b>Incompatibility - Materials To Avoid:</b>	Incompatible with acids, ammonia, or other household chemicals. Do not mix with acids, ammonia, or other household chemicals as dangerous fumes may result.
<b>Hazardous Decomposition or Byproducts:</b>	Thermal decomposition may produce chlorine gas.
<b>Possibility of Hazardous Reactions:</b>	Will occur [ <input type="checkbox"/> ]    Will not occur [ <input checked="" type="checkbox"/> ]
<b>Conditions To Avoid - Hazardous Reactions:</b>	No data available.

### 11. TOXICOLOGICAL INFORMATION

<b>Toxicological Information:</b>	<p>This product has not been tested as a whole. Refer to section 2 for acute and chronic effects.</p> <p>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</p> <p>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</p>
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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

<b>General Ecological Information:</b>	This product has not been tested as a whole.
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### 13. DISPOSAL CONSIDERATIONS

<b>Waste Disposal Method:</b>	Follow label instructions for empty containers. Dispose of contents in accordance with applicable local, state, and federal regulations.
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### 14. TRANSPORT INFORMATION

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**LAND TRANSPORT (US DOT):****DOT Proper Shipping Name:** Not Regulated by DOT**DOT Hazard Class:****UN/NA Number:****MARINE TRANSPORT (IMDG/IMO):****IMDG/IMO Shipping Name:** Environmentally hazardous substance, liquid, n.o.s. (sodium hypochlorite))**UN Number:** 3082**Packing Group:** III**Hazard Class:****IMDG Classification:** 9**IMDG EMS Number:** S-F**IMDG MFAG Number:** 7, 8**IMDG EMS Page:****Marine Pollutant:** Yes**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.

## 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 100 LB	No
1310-73-2	Sodium hydroxide {Caustic soda; Lye solution}	No	Yes 1000 LB	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

**Regulatory Information:** PR Notice 2012-1**Regulatory Information Statement:**

## 16. OTHER INFORMATION

**Revision Date:** 07/28/2020**Preparer Name:** W.M. Barr EHS Dept (901)775-0100**Additional Information About This Product:** No data available.**This Product:****Company Policy or****Disclaimer:**