

Mold Armor E-Z Siding & House Wash Pressure Washer Concentrate

Revision: 07/22/2019

Supersedes Revision: 06/26/2018

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Mold Armor E-Z Siding & House Wash Pressure Washer Concentrate

Company Name: W. M. Barr and Company, Inc. **Phone Number:**
2105 Channel Avenue (901)775-0100
Memphis, TN 38113

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: FG581, FG581L, FG581LWS, FG581W

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 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: No phrases apply.

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}	0.0 -1.0 %

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

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4. FIRST AID MEASURES

Emergency and First Aid Procedures:

Inhalation:

If user experiences breathing difficulty, move to air free of vapors. Administer oxygen or artificial respiration until medical assistance can be rendered.

Skin contact:

Wash with soap and large quantities of water for at least 15 minutes. Seek medical attention if irritation from contact 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 attempt to give anything by mouth to an unconscious person. Call your poison control center, hospital emergency room, or physician immediately.

5. FIRE FIGHTING MEASURES

	Non-Combustible
Flash Pt:	NA
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. 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:	Toxic fumes.

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 sewers.

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.

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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	
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 recommended.			
Protective Gloves:	Wear impermeable gloves.			
Other Protective Clothing:	No data available.			
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 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:	[] Gas [X] Liquid [] Solid
Appearance and Odor:	Clear to light yellow Mild bleach odor
pH:	12 - 13
Melting Point:	N.D.
Boiling Point:	> 99.90 F
Flash Pt:	NA
Evaporation Rate:	< 1 (BuAC=1)
Flammability (solid, gas):	No data available.
Explosive Limits:	LEL: N.D. UEL: N.D.
Vapor Pressure (vs. Air or mm Hg):	ND MM HG
Vapor Density (vs. Air = 1):	> 1 Air = 1
Specific Gravity (Water = 1):	1.0713 - 1.0913
Density:	8.997 LB/GL
Solubility in Water:	ND
Solubility Notes:	Completely soluble in water.
Saturated Vapor Concentration:	ND
Octanol/Water Partition Coefficient:	ND
Percent Volatile:	88.85 %
Autoignition Pt:	N.D.
Decomposition Temperature:	N.D.
Viscosity:	ND
Additional Physical Information	VOC Category: General Purpose Cleaner - Nonaerosol

ND = Not Determined

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10. STABILITY AND REACTIVITY

Stability: Unstable [] Stable [X]

Conditions To Avoid - Instability: No data available.

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: Thermal decomposition may produce chlorine gas.

Possibility of Hazardous Reactions: Will occur [] Will not occur [X]

Conditions To Avoid - Hazardous Reactions: No data available.

Reactions:

11. TOXICOLOGICAL INFORMATION

Toxicological Information: This product has not been 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

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

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 has not been tested as a whole.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Follow label instructions for empty containers. Dispose of contents in accordance with applicable local, state, and federal regulations.

14. TRANSPORT INFORMATION

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not Regulated by DOT

DOT Hazard Class:

UN/NA Number:

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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

Other US EPA or State Lists

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
7681-52-9	Sodium hypochlorite {Hypochlorous acid, sodium salt}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
1310-73-2	Sodium hydroxide {Caustic soda; Lye solution}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No

Regulatory Information: PR Notice 2012-1

Regulatory Information

Statement:

16. OTHER INFORMATION

Revision Date: 07/22/2019

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

Additional Information About This Product: No data available.

Company Policy or Disclaimer: