

SAFETY DATA SHEET
Mold Armor Concrete Driveway and Sidewalk
Cleaner

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Printed: 05/17/2022

Revision: 05/17/2022

Supersedes Revision: 04/19/2022

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name:	Mold Armor Concrete Driveway and Sidewalk Cleaner	
Company Name:	W. M. Barr and Company, Inc.	Phone Number: (901)775-0100
2105 Channel Avenue		
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:	FG504M	
Additional Information	EPA Registration # 4091-19.	

2. HAZARDS IDENTIFICATION

Serious Eye Damage/Eye Irritation, Category 1

Skin Corrosion/Irritation, Category 2



GHS Signal Word:	Danger
GHS Hazard Phrases:	H315 - Causes skin irritation. H318 - Causes serious eye damage.
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. P310 - Immediately call a POISON CENTER or doctor/physician. P321 - Specific treatment see label. P332+313 - If skin irritation occurs, 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.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
7681-52-9	Sodium hypochlorite {Hypochlorous acid, sodium salt}	3.0 -7.0 %
NA	(Trade Secret)	0.1 -1.0 %
NA	(Trade Secret)	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:

- In Case of Inhalation:** If inhaled, remove to fresh air.
- In Case of Skin Contact:** Immediately flush skin with plenty of water. Remove contaminated clothing. Get medical attention if irritation develops or persists. Wash clothing before reuse.
- In Case of Eye Contact:** In case of contact with eyes, flush with copious amounts of water for at least 15 minutes.
- In Case of Ingestion:** If swallowed, do not induce vomiting unless directed to do so by medical personnel.

5. FIRE FIGHTING MEASURES

Flash Pt: N.D.

Explosive Limits: LEL: N.A. UEL: N.A.

Autoignition Pt: N.D.

Suitable Extinguishing Media: Non-combustible - use extinguishing media for underlying cause of fire.

Unsuitable Extinguishing Media: **None known.

Media:

Fire Fighting Instructions: Wear self contained breathing apparatus for fire fighting if necessary.

Flammable Properties and

Hazards:

Hazardous Combustion Products: irritating and toxic fumes and gases.

Products:

Additional Fire Fighting Information N.D.: Not determined.

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: Do not reuse this container.

Precautions To Be Taken in Storing: Keep container closed when not in use. Store in a cool, dry place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Chemical Name	Jurisdiction	Recommended Exposure Limits	Notations
NA (Trade Secret)		ACGIH TLV OSHA PELs	CEIL: 2 mg/m ³ PEL: 2 mg/m ³	

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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:	Eye protection recommended.
Protective Gloves:	Wear appropriate gloves to prevent skin exposure.
Other Protective Clothing: (Ventilation etc.):	Clothes to prevent skin contact.
Engineering Controls	Use with adequate ventilation.
Work/Hygienic/Maintenance Practices:	Wash thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical States:	[] Gas [X] Liquid [] Solid
Appearance and Odor:	Clear to light yellow liquid with chlorine 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):	None.
Explosive Limits:	LEL: N.A. UEL: N.A.
Vapor Pressure (vs. Air or mm Hg):	N.D.
Vapor Density (vs. Air = 1):	> 1 Air = 1
Specific Gravity (Water = 1):	1.0745
Density:	8.940 LB/GL
Solubility in Water:	100 %
Saturated Vapor Concentration:	N.D.
Octanol/Water Partition Coefficient:	ND
Percent Volatile:	93.99 % by weight.
Autoignition Pt:	N.D.
Decomposition Temperature:	N.D.
Viscosity:	Water thin
a_fld_hdr[9]:	ND = Not Determined.
Information with regard to primary physical hazard:	

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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.

Hazardous Decomposition or Byproducts: Irritating and toxic fumes and gases.

Possibility of Hazardous Reactions:

Will occur [] Will not occur [X]

Conditions To Avoid - **None known.

Hazardous Reactions:

11. TOXICOLOGICAL INFORMATION

Toxicological Information: This product has not been tested as a whole. Refer to section 2 for health effects.

CAS# NA:

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, Prumyculu 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

Irritation or Corrosion: Refer to section 2 for health effects.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
7681-52-9	Sodium hypochlorite {Hypochlorous acid, sodium salt}				
NA	(Trade Secret)				
NA	(Trade Secret)				

12. ECOLOGICAL INFORMATION

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

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

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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.

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
NA	(Trade Secret)	No	Yes NA	No
NA	(Trade Secret)	No	No	No

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

7681-52-9	Sodium hypochlorite {Hypochlorous acid, sodium salt}	TSCA: Inventory
NA	(Trade Secret)	TSCA: Inventory
NA	(Trade Secret)	TSCA: Inventory

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.

Regulatory Information Statement:

16. OTHER INFORMATION

Revision Date: 05/17/2022 **Previous revision:** 04/19/2022

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

**Additional Information About
This Product:**

**Company Policy or
Disclaimer:**