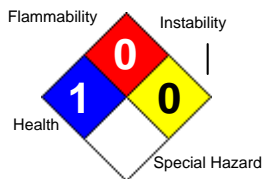


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# MATERIAL SAFETY DATA SHEET

## Mold Armor Instant Mold and Mildew Stain Remover

HEALTH	1
FLAMMABILITY	0
PHYSICAL	0
PPE	B



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### 1. Product and Company Identification

**Product Code:** 225.4D

**Product Name:** Mold Armor Instant Mold and Mildew Stain Remover

**Manufacturer Information**

**Company Name:** W. M. Barr  
2105 Channel Avenue  
Memphis, TN 38113

**Phone Number:** (901)775-0100

**Emergency Contact:** 3E 24 Hour Emergency Contact (800)451-8346

**Information:** W.M. Barr Customer Service (800)398-3892

**Web site address:** www.wmbarr.com

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

**Synonyms**  
FG502, FG532

### 2. Composition/Information on Ingredients

Hazardous Components (Chemical Name)	CAS #	Concentration	OSHA PEL	ACGIH TLV
1. Sodium hypochlorite {Hypochlorous acid, sodium salt}	7681-52-9	< 5.0 %	No data.	No data.

### 3. Hazards Identification

#### Emergency Overview

Warning: Eye & Skin Irritant. Harmful if Swallowed.

#### Potential Health Effects (Acute and Chronic)

Inhalation Acute Exposure Effects:

May cause irritation of respiratory tract and irritation of mucous membranes. If sodium hypochlorite is mixed with ammonia or other chemicals, evolution of chlorine or chlorine based compounds results. These gases can produce pulmonary edema. NEVER MIX WITH ANY OTHER CHEMICALS.

Skin Contact Acute Exposure Effects:

This product is a skin irritant. May cause redness and possibly inflammation of the skin. May cause chemical burns to broken skin.

Eye Contact Acute Exposure Effects:

This material is an eye irritant.

Ingestion Acute Exposure Effects:

Liquid can be corrosive to the mouth and throat, mucous membranes and stomach. Swallowing can burn the tissues, cause abdominal pain, nausea, vomiting, circulatory collapse, confusion, delirium, coma, and collapse. Swallowing large quantities can cause death.

Chronic Exposure Effects:

Prolonged or repeated contact may cause dermatitis and sensitization. May cause constant irritation of eyes and respiratory tract.

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**Signs and Symptoms Of Exposure**

Primary routes of exposure:  
Inhalation and dermal.

**Medical Conditions Generally Aggravated By Exposure**

Asthma or other pre-existing lung/respiratory illnesses.

**OSHA Regulatory Status:**

This material is classified as hazardous under OSHA regulations.

**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:

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.

**Note to Physician**

Call your local poison control center for further instructions.

**5. Fire Fighting Measures**

**Flammability Classification:**

N/A

**Flash Pt:**

No data.

**Explosive Limits:**

LEL: No data.

UEL: No data.

**Autoignition Pt:**

No data available.

**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.

**Extinguishing Media**

Non-combustible liquid - use extinguishing media for underlying cause of fire.

**Unsuitable Extinguishing Media**

No data available.

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## 6. Accidental Release Measures

### Steps To Be Taken In Case Material Is Released Or Spilled

Clean-up:

Keep unnecessary people away, isolate hazard area and deny entry. Stay upwind, out of low areas, and ventilate closed spaces before entering.

Small spills:

Take up the spilled 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.

Keep material out of sewers, storm drains, surface waters, and soil. Sodium hypochlorite is very toxic to aquatic life.

## 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

### Respiratory Equipment (Specify Type)

For OSHA controlled work place and other regular users -- Use only with adequate ventilation under engineered air control systems designed to prevent exceeding appropriate TLV. For occasional use, where engineered air control is not feasible, use properly maintained and properly fitted NIOSH approved respirators. A dust mask does not provide protection against vapors.

### Eye Protection

Safety glasses, chemical goggles or face shields are recommended to safeguard against potential eye contact, irritation, or injury. Contact lenses should not be worn while working with chemicals.

Chemical splash goggles or safety glasses with a faceshield should be worn if the possibility of splashing exists.

### Protective Gloves

Wear impermeable gloves. Gloves contaminated with product should be discarded. Promptly remove clothing that becomes soiled with product.

### 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.

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**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

**Melting Point:** No data.

**Boiling Point:** > 210 F

**Autoignition Pt:** No data.

**Flash Pt:** No data.

**Specific Gravity (Water = 1):** 1.06

**Bulk density:** 8.84 LB/GA

**Vapor Pressure (vs. Air or mm Hg):** < 0.1 MM HG

**Vapor Density (vs. Air = 1):** > 1

**Evaporation Rate:** < 1

**Solubility in Water:** No data.

**Solubility Notes**

Completely soluble in water.

**Percent Volatile:** N.D.

**pH:** 12 - 13

**Appearance and Odor**

Light yellow, free and clear.

**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.

Incompatible with strong oxidizing and reducing agents.

**Hazardous Decomposition Or Byproducts**

Thermal decomposition may produce chlorine gas.

**Hazardous Polymerization:** Will occur [ ] Will not occur [ X ]

**Conditions To Avoid - Hazardous Polymerization**

No data available.

**11. Toxicological Information**

**Toxicological Information**

No data available.

**Chronic Toxicological Effects**

No data available.

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**Hazardous Components (Chemical Name)**

1. Sodium hypochlorite {Hypochlorous acid,  
sodium salt}

**CAS #**

7681-52-9

**NTP**

n.a.

**IARC**

n.a.

**ACGIH**

n.a.

**OSHA**

n.a.

## 12. Ecological Information

**General Ecological Information**

No data available.

## 13. Disposal Considerations

**Waste Disposal Method**

Dispose in accordance with applicable local, state, and federal regulations.

## 14. Transport Information

**LAND TRANSPORT (US DOT)**

**DOT Proper Shipping Name**

No data available.

**Additional Transport Information**

For D.O.T. information, contact W.M. Barr Technical Services at 1-800-398-3892.

## 15. Regulatory Information

**US EPA SARA Title III**

**Hazardous Components (Chemical Name)**

1. Sodium hypochlorite {Hypochlorous acid,  
sodium salt}

**CAS #**

7681-52-9

**Sec.302 (EHS)**

No

**Sec.304 RQ**

Yes 100 LB

**Sec.313 (TRI)**

No

**Sec.110**

No

**US EPA CAA, CWA, TSCA**

**Hazardous Components (Chemical Name)**

1. Sodium hypochlorite {Hypochlorous acid,  
sodium salt}

**CAS #**

7681-52-9

**EPA CAA**

HAP, ODC ()

**EPA CWA NPDES**

No

**EPA TSCA**

Inventory

**CA PROP 65**

No

**EPA Hazard Categories:**

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

☒ Yes ☐ No Acute (immediate) Health Hazard

☒ Yes ☐ No Chronic (delayed) Health Hazard

☐ Yes ☒ No Fire Hazard

☐ Yes ☒ No Sudden Release of Pressure Hazard

☐ Yes ☒ No Reactive Hazard

**Regulatory Information Statement**

All components of this material are listed on the TSCA Inventory or are exempt.

## 16. Other Information

**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.