SAFETY DATA SHEET
Mold Armor E-Z Deck, Concrete & Driveway Wash Pressure Washer Concentrate

1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: TT2-011017A
Product Name: Mold Armor E-Z Deck, Concrete & Driveway Wash Pressure Washer Concentrate
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: FG582

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 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

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Hazardous Components (Chemical Name)</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>7681-52-9</td>
<td>Sodium hypochlorite (Hypochlorous acid, sodium salt)</td>
<td>&lt; 6.0 %</td>
</tr>
<tr>
<td>1310-73-2</td>
<td>Sodium hydroxide (Caustic soda; Lye solution)</td>
<td>&lt; 1.0 %</td>
</tr>
</tbody>
</table>

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

Flash Pt: Non-Combustible

Explosive Limits: LEL: No data. UEL: No data.

Autoignition Pt: No data.

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.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION
SAFETY DATA SHEET
Mold Armor E-Z Deck, Concrete & Driveway
Wash Pressure Washer Concentrate

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 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:  No data.

Boiling Point:  > 99.90 °F

Flash Pt:  NA

Evaporation Rate:  < 1 (BuAC=1)

Flammability (solid, gas):  No data available.

Explosive Limits:  LEL: No data.
UEL: No data.

Vapor Pressure (vs. Air or mm Hg):  No data.

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

Specific Gravity (Water = 1):  1.0713 - 1.0913

Density:  8.997 LB/GL

Solubility in Water:  No data.

Solubility Notes:  Completely soluble in water.

Octanol/Water Partition Coefficient:  No data.

Percent Volatile:  88.85 %

Autoignition Pt:  No data.

Decomposition Temperature:  No data.

Viscosity:  No data.

Additional Physical Information  VOC Category: General Purpose Cleaner - Nonaerosol

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GHs format
### 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. |

### 11. TOXICOLOGICAL INFORMATION

**Toxicological Information:** This product has not been tested as a whole. Refer to section 2 for acute and chronic effects.

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Hazardous Components (Chemical Name)</th>
<th>NTP</th>
<th>IARC</th>
<th>ACGIH</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>7681-52-9</td>
<td>Sodium hypochlorite (Hypochlorous acid, sodium salt)</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
</tr>
<tr>
<td>1310-73-2</td>
<td>Sodium hydroxide (Caustic soda; Lye solution)</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
</tr>
</tbody>
</table>

### 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

<table>
<thead>
<tr>
<th>LAND TRANSPORT (US DOT):</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOT Proper Shipping Name: Not Regulated by DOT</td>
</tr>
<tr>
<td>DOT Hazard Class:</td>
</tr>
<tr>
<td>UN/NA Number:</td>
</tr>
</tbody>
</table>

### 15. REGULATORY INFORMATION

**EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists**

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Hazardous Components (Chemical Name)</th>
<th>S. 302 (EHS)</th>
<th>S. 304 RQ</th>
<th>S. 313 (TRI)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7681-52-9</td>
<td>Sodium hypochlorite (Hypochlorous acid, sodium salt)</td>
<td>No</td>
<td>Yes 100 LB</td>
<td>No</td>
</tr>
<tr>
<td>1310-73-2</td>
<td>Sodium hydroxide (Caustic soda; Lye solution)</td>
<td>No</td>
<td>Yes 1000 LB</td>
<td>No</td>
</tr>
</tbody>
</table>

**Other US EPA or State Lists**

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Hazardous Components (Chemical Name)</th>
<th>CAA HAP,ODC:</th>
<th>CWA NPDES:</th>
<th>TSCA:</th>
<th>CA PRO Prop 65:</th>
</tr>
</thead>
<tbody>
<tr>
<td>7681-52-9</td>
<td>Sodium hypochlorite (Hypochlorous acid, sodium salt)</td>
<td>No</td>
<td>No</td>
<td>Yes - Inventory</td>
<td>No</td>
</tr>
<tr>
<td>1310-73-2</td>
<td>Sodium hydroxide (Caustic soda; Lye solution)</td>
<td>CAA HAP,ODC: No</td>
<td>CWA NPDES: No</td>
<td>TSCA: Yes - Inventory</td>
<td>CA PRO Prop 65: No</td>
</tr>
</tbody>
</table>

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16. OTHER INFORMATION

Revision Date: 05/08/2017
Preparer Name: W.M. Barr EHS Dept  (901)775-0100

Additional Information About This Product: No data available.

Company Policy or Disclaimer: