1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Mold Armor Mold Remover & Disinfectant

Manufacturer Information:
Company Name: Mason Chemical Company
721 W. Algonquin Rd.
Arlington Heights, IL  60005

Emergency Contact: Chemtrec
Information: Product or Company Information
(800)424-9300
(847)290-1621

Supplier Name and Address:
Company Name: W. M. Barr
2105 Channel Avenue
Memphis, TN  38113

Web site address: www.wmbarr.com

Emergency Contact: 3E 24 Hour Emergency Contact
Information: W.M. Barr Customer Service
(800)451-8346
(800)398-3892

Product Category: Quaternary Ammonium Compound

Intended Use: RTU Disinfectant/Sanitizer

Synonyms: FG550, FG551, FG552

Additional Information: EPA No. 10324-85

2. HAZARDS IDENTIFICATION

GHS Signal Word: None

GHS Hazard Phrases: None

GHS Precaution Phrases: None

GHS Response Phrases: None

GHS Storage and Disposal Phrases: None

Hazard Rating System:

HEALTH 1
FLAMMABILITY 0
PHYSICAL 0

PPE A

NFPA: Special Hazard

Potential Health Effects (Acute and Chronic):

Skin: May be mildly irritating. Very large exposure may be harmful.

Eyes: May cause irritation.

Inhalation: Mists and vapors may be mildly irritating to the throat and respiratory tract.

Ingestion: Harmful if swallowed.

Chronic: None
3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Hazardous Components (Chemical Name)</th>
<th>Concentration</th>
<th>RTECS #</th>
</tr>
</thead>
<tbody>
<tr>
<td>68424-85-1</td>
<td>Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides</td>
<td>&lt; 0.1 %</td>
<td>UZ2995000</td>
</tr>
<tr>
<td>32426-11-2</td>
<td>1-Decanaminium, N,N-Dimethyl-N-octyl-, chloride ({Decyldimethyloctylammonium chloride})</td>
<td>&lt; 0.1 %</td>
<td>HD6520000</td>
</tr>
<tr>
<td>5538-94-3</td>
<td>1-Octanaminium, N,N-Dimethyl-N-octyl-, chloride</td>
<td>&lt; 0.1 %</td>
<td>RG8250000</td>
</tr>
<tr>
<td>7173-51-5</td>
<td>1-Decanaminium, N-Decyl-N,N-dimethyl-, chloride</td>
<td>&lt; 0.1 %</td>
<td>BP6560000</td>
</tr>
<tr>
<td>64-17-5</td>
<td>Ethyl alcohol (Ethanol)</td>
<td>&lt;200.0 PPM</td>
<td>KQ6300000</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

Emergency and First Aid Procedures:

Eyes:
Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. If irritation persists, get medical attention.

Skin:
Flush immediately with plenty of water. If irritation persists, get medical attention.

Inhalation:
If breathing is affected, remove to fresh air. Get medical attention.

Ingestion:
Immediately drink one cupful of water or milk. Get medical attention.

Aggravated Medical Conditions:
Persons with pre-existing skin disorders may be more susceptible to irritating effects

5. FIRE FIGHTING MEASURES

Flash Pt: > 102.00 C  Method Used: Cleveland Closed Cup
Explosive Limits:
LEL: No data.  UEL: No data.
Autoignition Pt: No data.
Suitable Extinguishing Media: Use any agent appropriate for surrounding fire.
Fire Fighting Instructions: Firefighters should wear full protective clothing including self-contained breathing apparatus. Cool fire exposed containers with spray.
Flammable Properties and Hazards: No data available.

6. ACCIDENTAL RELEASE MEASURES

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

Emergency Action:
Isolate spill or leak area immediately. Keep unauthorized personnel away. Stay upwind.

Spill Cleanup:
Ventilate closed spaces before entering. Floor will be slippery. Do not touch or walk through spilled material. Stop leak if you can do it without risk. A vapor suppressing foam may be used to reduce vapors. Prevent entry into waterways, sewers, basements or confined areas. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.

Large Spills:
Dike far ahead of liquid spill for later disposal.
### 7. HANDLING AND STORAGE

**Handling:**
- Avoid contact with skin and eyes. Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Wash thoroughly after work using soap and water.

**Storing:**
- Keep the container tightly closed and in a cool, well-ventilated place. Keep from freezing.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Partial Chemical Name</th>
<th>OSHA TWA</th>
<th>ACGIH TWA</th>
<th>Other Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>68424-85-1</td>
<td>Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl chlorides</td>
<td>No data.</td>
<td>No data.</td>
<td>No data.</td>
</tr>
<tr>
<td>32426-11-2</td>
<td>1-Decanaminium, N,N-Dimethyl-N-octyl-, chloride {Decyldimethyloctylammonium chloride}</td>
<td>No data.</td>
<td>No data.</td>
<td>No data.</td>
</tr>
<tr>
<td>5538-94-3</td>
<td>1-Octanaminium, N,N-Dimethyl-N-octyl-, chloride</td>
<td>No data.</td>
<td>No data.</td>
<td>No data.</td>
</tr>
<tr>
<td>7173-51-5</td>
<td>1-Decanaminium, N-Decyl-N,N-dimethyl-, chloride</td>
<td>No data.</td>
<td>No data.</td>
<td>No data.</td>
</tr>
<tr>
<td>64-17-5</td>
<td>Ethyl alcohol {Ethanol}</td>
<td>PEL: 1000 ppm</td>
<td>TLV: 1000 ppm</td>
<td>No data.</td>
</tr>
</tbody>
</table>

**Respiratory Equipment**
- No special requirements under normal use conditions
  - Handle in accordance with good industrial hygiene and safety practice

**Eye Protection**
- Safety glasses with side-shields if splashing is likely

**Protective Gloves**
- Hand Protection
- Skin and body
  - No special requirements under normal use conditions.
  - No special requirements under normal use conditions

**Other Protective Clothing**
- No data available.

**Engineering Controls**
- No special ventilation requirements. General room ventilation is adequate.

**Work/Hygienic/Maintenance Practices**
- Eye wash fountain and emergency showers are recommended.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical States</td>
<td>[ ] Gas  [X] Liquid  [ ] Solid</td>
</tr>
<tr>
<td>Appearance and Odor</td>
<td>Clear, colorless to straw colored liquid with benzaldehyde (organic) odor.</td>
</tr>
<tr>
<td>Melting Point</td>
<td>No data.</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>No data.</td>
</tr>
<tr>
<td>Autoignition Pt</td>
<td>No data.</td>
</tr>
<tr>
<td>Flash Pt</td>
<td>&gt; 102.00 C Method Used: Cleveland Closed Cup</td>
</tr>
<tr>
<td>Explosive Limits</td>
<td>LEL: No data. UEL: No data.</td>
</tr>
<tr>
<td>Specific Gravity (Water = 1)</td>
<td>No data.</td>
</tr>
<tr>
<td>Density</td>
<td>8.34 LB/GA</td>
</tr>
</tbody>
</table>
Mold Armor Mold Remover & Disinfectant

10. STABILITY AND REACTIVITY

Stability: Unstable [ ] Stable [ X ]
Conditions To Avoid -
Instability: Keep away from strong oxidizing agents.
Incompatibility - Materials To Avoid: Strong oxidizing agents, reducing agents.
Hazardous Decomposition Or Byproducts: Carbon monoxide, carbon dioxide and toxic hydrogen chloride vapors.
Possibility of Hazardous Reactions: Will occur [ ] Will not occur [ X ]
Conditions To Avoid - Hazardous Reactions: Will not occur.

11. TOXICOLOGICAL INFORMATION

Toxicological Information: Acute Oral LD50
> 5,000 mg/kg in rats
Acute Dermal
> 2,000 mg/kg in rats
Primary Skin
Not an irritant.
Primary Eye
Mildly irritating.

12. ECOLOGICAL INFORMATION

General Ecological Information: Very Toxic to aquatic organisms
Information available upon request. Please contact Mason Chemical Company Technical Service Department.
This product is biodegradable

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: Not Regulated
DOT Hazard Class:
UN/NA Number:

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>
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<td>No</td>
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<td>5538-94-3</td>
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<td>No</td>
<td>No</td>
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<tr>
<td>64-17-5</td>
<td>Ethyl alcohol (Ethanol)</td>
<td>No</td>
<td>No</td>
<td>No</td>
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</table>

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections

311/312 as indicated:

- [X] Yes [ ] No Acute (immediate) Health Hazard
- [ ] Yes [X] No Chronic (delayed) Health Hazard
- [ ] Yes [X] No Fire Hazard
- [X] Yes [ ] No Sudden Release of Pressure Hazard
- [ ] Yes [X] No Reactive Hazard

Regulatory Information:

TSCA Status
While all ingredients are listed on the TSCA Chemical Inventory, this product is regulated as a pesticide under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) and not subject to the TSCA Inventory rules for FIFRA uses.

Other Chemical Inventories
All components of this product are listed on the following inventories: Canada (DSL), European Union, China, Korean and Philippines. One or more ingredients are not listed on the following inventories: Australia and Japan.

16. OTHER INFORMATION

Revision Date: 04/07/2014
Additional Information About This Product: No data available.

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.