Material Safety Data Sheet

CREW CLINGING TOILET BOWL CLEANER

National Fire Protection Association (NFPA)

Fire Hazard
Health 0 Reactivity

Hazardous Material Information System (HMIS)
Health 3 Fire Hazard 0 Reactivity 0

Specific Hazard

Protective Clothing

Emergency Overview
Green, Liquid. See Section 9.
DANGER, CORROSIVE. Causes irreversible eye damage or skin burns. Harmful if swallowed, absorbed through skin or inhaled. Do not mix with any other product or chemical. Can react to release chlorine gas.

Section 1. Chemical Product and Company Identification

Product Name CREW CLINGING TOILET BOWL CLEANER
Product Use Industrial/Institutional: Disinfectant.
MSDS# 114562001

Code 4578
PMS# 2974693

Validation Date 9/26/2002

U.S. Headquarters
Johnson Wax Professional
8310 16th Street
Sturtevant, Wisconsin 53177-0902
Phone: (888) 352-2249
MSDS Internet Address: www.jwp.com

Canadian Headquarters
Johnson Wax Professional
100 Matheson Blvd. East, Suite 203
Mississauga, Ontario L4Z 2G7
Phone: (905) 755-0913 or (888) 746-5971

Print Date 9/26/2002

In Case of Emergency (800) 851-7145

Section 2. Composition and Information on Ingredients

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS #</th>
<th>% by Weight</th>
<th>Exposure Limits</th>
<th>LC50/LD50</th>
</tr>
</thead>
<tbody>
<tr>
<td>n-Alkyl Dimethyl Benzyl Ammonium Chlorides</td>
<td>68391-01-5</td>
<td>0.3</td>
<td>Not available.</td>
<td>Not available.</td>
</tr>
<tr>
<td>n-Alkyl Dimethyl Ethylbenzyl Ammonium Chlorides</td>
<td>68956-79-6</td>
<td>0.3</td>
<td>Not available.</td>
<td>Not available.</td>
</tr>
<tr>
<td>Hydrochloric Acid</td>
<td>7647-01-0</td>
<td>9.25</td>
<td>Not available.</td>
<td>Not available.</td>
</tr>
</tbody>
</table>

Section 3. Hazards Identification

Routes of Entry Inhalation. Skin contact. Eye contact.

Potential Acute Health Effects

Eyes Corrosive. May cause permanent damage including blindness.

Skin Corrosive. May cause permanent damage.

Inhalation May cause irritation and corrosive effects to nose, throat and respiratory tract.

Ingestion Corrosive. May cause burns to mouth, throat, and stomach.

Medical Conditions Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects.

See Toxicological Information (section 11)

Page: 1/4

Continued on Next Page
Section 4. First Aid Measures

Eye Contact  
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. Get medical attention immediately.

Skin Contact  
Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Get medical attention immediately.

Inhalation  
If breathing is difficult: Remove to fresh air. If person is not breathing, call 911 or an ambulance and then give artificial respiration, preferably by mouth to mouth, if possible. Get medical attention immediately.

Ingestion  
Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Notes to Physician  
Probable mucosal damage may contraindicate the use of gastric lavage.

Section 5. Fire Fighting Measures

Flammability of the Product  
None known.

Flash Points  
None.

Products of Combustion  
None known.

Fire Fighting Media and Instructions  
Extinguish with water spray or carbon dioxide, dry chemical powder or appropriate foam. Normal fire fighting procedure may be used.

Protective Clothing (Fire)  
Put on appropriate personal protective equipment (see Section 8.).

Special Remarks on Fire and Explosion Hazards  
Corrosive material (See sections 8 and 10.).

Section 6. Accidental Release Measures

Personal Precautions  
Put on appropriate personal protective equipment (see Section 8.).

Environmental Precautions and Clean-up Methods  
In the event of major spillage: Use appropriate containment to avoid environmental contamination. Sweep or scrape up material. Place in suitable clean, dry containers for disposal by approved methods. Use a water rinse for final clean-up.

Section 7. Handling and Storage

Handling  
Avoid contact with eyes, skin or clothing. Do not taste or swallow. Avoid breathing vapors of this product. Use only with adequate ventilation. Wash thoroughly after handling. Remove and wash contaminated clothing and footwear before re-use. Do not mix with any other product or chemical. Can react to release chlorine gas. Product residue may remain on/ in empty containers. All precautions for handling the product must be used in handling the empty container and residue. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

Storage  
Store in a dry, cool and well-ventilated area. Protect from freezing. Keep container tightly closed. KEEP OUT OF REACH OF CHILDREN.

Section 8. Exposure Controls/Personal Protection

Engineering Controls  
Good general ventilation should be sufficient to control airborne levels. Respiratory protection is not required if good ventilation is maintained.

Personal Protection  

- **Eyes**: Chemical splash goggles.
- **Hands**: Chemical resistant gloves. Includes: Rubber gloves.
- **Respiratory**: No specific personal protection equipment is required.
- **Feet**: No specific personal protection equipment is required.
- **Body**: If major exposure is possible, wear suitable protective clothing and footwear.

*Continued on Next Page*
### Section 9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State and</td>
<td>Liquid.</td>
</tr>
<tr>
<td>Appearance</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Floral.</td>
</tr>
<tr>
<td>Color</td>
<td>Green.</td>
</tr>
<tr>
<td>pH</td>
<td>&lt;1 [Acidic.]</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.05</td>
</tr>
<tr>
<td>Solubility in water</td>
<td>Complete.</td>
</tr>
</tbody>
</table>

### Section 10. Stability and Reactivity

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stability and Reactivity</td>
<td>The product is stable.</td>
</tr>
<tr>
<td>Conditions of Instability</td>
<td>None known.</td>
</tr>
<tr>
<td>Incompatibility with Various Substances</td>
<td>Reactive with Chlorine and alkalis.</td>
</tr>
<tr>
<td>Hazardous Decomposition Products</td>
<td>When exposed to fire: Produces normal products of combustion.</td>
</tr>
<tr>
<td>Hazardous Polymerization</td>
<td>Will not occur.</td>
</tr>
</tbody>
</table>

### Section 11. Toxicological Information

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td>Acute oral toxicity (LD50) 1000 mg/kg (rats). Corrosive.</td>
</tr>
<tr>
<td>Effects of Chronic Exposure</td>
<td>None known.</td>
</tr>
<tr>
<td>Other Toxic Effects</td>
<td>Not available.</td>
</tr>
</tbody>
</table>

### Section 12. Ecological Information

Not available.

### Section 13. Disposal Considerations

Waste Information: PESTICIDAL WASTE - Observe all applicable Federal/Provincial/State regulations and Local/Municipal ordinances regarding disposal of pesticide wastes.

### Section 14. Transport Information

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOT Classification</td>
<td>DOT Proper Shipping Name: Please refer to the Bill of Lading/receiving documents for up to date shipping information.</td>
</tr>
<tr>
<td></td>
<td>TDG Classification</td>
</tr>
<tr>
<td></td>
<td>TDG Proper Shipping Name: Please refer to the Bill of Lading/receiving documents for up to date shipping information.</td>
</tr>
<tr>
<td></td>
<td>TDG Class</td>
</tr>
</tbody>
</table>

### Section 15. Regulatory Information

Reporting in this section is based on ingredients disclosed in Section 2

US Regulations:
- Federal: SARA 313 toxic chemical notification and release reporting: Hydrochloric Acid
- Clean Water Act (CWA) 311: Hydrochloric Acid
- Clean air act (CAA) 112 accidental release prevention: Hydrochloric Acid
- CERCLA: Hazardous substances: Hydrochloric Acid

Continued on Next Page
CREW CLINGING TOILET BOWL CLEANER

Material Safety Data Sheet

State
New Jersey spill list: Hydrochloric Acid
New Jersey: Hydrochloric Acid
New Jersey toxic catastrophe prevention act: Hydrochloric Acid
Massachusetts RTK: Hydrochloric Acid
Pennsylvania RTK: Hydrochloric Acid
This product is not subject to the reporting requirements under California's Proposition 65.

Registered Product Information
EPA Registration Number: 70627-5

Canadian Regulations

Canadian NPRI Not applicable.
WHMIS Classification Not controlled under WHMIS (Canada).
WHMIS Icon
Registered Product Information Not applicable.

Chemical Inventory Status
All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

Section 16. Other Information

Other Special Considerations Not available.

Version 1.04

Notice to Reader
This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained within. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.