

# CREW CLINGING TOILET BOWL CLEANER

National Fire Protection Association (NFPA)	Fire Hazard	Hazardous Material Information System (HMIS)	Health	3
	Health		0	Reactivity
		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		Code	4578
Product Use	Industrial/Institutional: Disinfectant.		PMS#	2974693
MSDS#	114562001		Validation Date	9/26/2002
U.S. Headquarters	Canadian Headquarters	Print Date	9/26/2002	
Johnson Wax Professional 8310 16th Street Sturtevant, Wisconsin 53177-0902 Phone: (888) 352-2249 MSDS Internet Address: www.jwp.com	Johnson Wax Professional 100 Matheson Blvd. East, Suite 203 Mississauga, Ontario L4Z 2G7 Phone: (905) 755-0913 or (888) 746-5971	Supersedes	8/29/2002.	
		In Case of Emergency	(800) 851-7145	

Section 2. Composition and Information on Ingredients				
Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
n-Alkyl Dimethyl Benzyl Ammonium Chlorides	68391-01-5	0.3	Not available.	Not available.
n-Alkyl Dimethyl Ethylbenzyl Ammonium Chlorides	68956-79-6	0.3	Not available.	Not available.
Hydrochloric Acid	7647-01-0	9.25	Not available.	Not available.

Section 3. Hazards Identification	
Routes of Entry	Inhalation. Skin contact. Eye contact.
Potential Acute Health Effects	<p><i>Eyes</i> Corrosive. May cause permanent damage including blindness.</p> <p><i>Skin</i> Corrosive. May cause permanent damage.</p> <p><i>Inhalation</i> May cause irritation and corrosive effects to nose, throat and respiratory tract.</p> <p><i>Ingestion</i> Corrosive. May cause burns to mouth, throat, and stomach.</p>
Medical Conditions	Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects.
Aggravated by Overexposure:	
See Toxicological Information (section 11)	

<b>Section 4. First Aid Measures</b>	
<b>Eye Contact</b>	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.
<b>Skin Contact</b>	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Get medical attention immediately.
<b>Inhalation</b>	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.
<b>Ingestion</b>	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.
<b>Notes to Physician</b>	Probable mucosal damage may contraindicate the use of gastric lavage.

<b>Section 5. Fire Fighting Measures</b>	
<b>Flammability of the Product</b>	None known.
<b>Flash Points</b>	None.
<b>Products of Combustion</b>	None known.
<b>Fire Fighting Media and Instructions</b>	Extinguish with water spray or carbon dioxide, dry chemical powder or appropriate foam. Normal fire fighting procedure may be used.
<b>Protective Clothing (Fire)</b>	Put on appropriate personal protective equipment (see Section 8.).
<b>Special Remarks on Fire and Explosion Hazards</b>	Corrosive material (See sections 8 and 10).

<b>Section 6. Accidental Release Measures</b>	
<b>Personal Precautions</b>	Put on appropriate personal protective equipment (see Section 8.).
<b>Environmental Precautions and Clean-up Methods</b>	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.

<b>Section 7. Handling and Storage</b>	
<b>Handling</b>	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.
<b>Storage</b>	Store in a dry, cool and well-ventilated area. Protect from freezing. Keep container tightly closed. KEEP OUT OF REACH OF CHILDREN.

<b>Section 8. Exposure Controls/Personal Protection</b>	
<b>Engineering Controls</b>	Good general ventilation should be sufficient to control airborne levels. Respiratory protection is not required if good ventilation is maintained.
<b>Personal Protection</b>	
<i>Eyes</i>	Chemical splash goggles.
<i>Hands</i>	Chemical resistant gloves. Includes: Rubber gloves.
<i>Respiratory</i>	No specific personal protection equipment is required.
<i>Feet</i>	No specific personal protection equipment is required.
<i>Body</i>	If major exposure is possible, wear suitable protective clothing and footwear.

**Section 9. Physical and Chemical Properties**

Physical State and Appearance	Liquid.
Odor	Floral.
Color	Green.
pH	<1 [Acidic.]
Specific Gravity	1.05
Solubility in water	Complete.

**Section 10. Stability and Reactivity**

Stability and Reactivity	The product is stable.
Conditions of Instability	None known.
Incompatibility with Various Substances	Reactive with Chlorine and alkalis.
Hazardous Decomposition Products	When exposed to fire: Produces normal products of combustion.
Hazardous Polymerization	Will not occur.

**Section 11. Toxicological Information**

Acute toxicity	Acute oral toxicity (LD50) 1000 mg/kg (rats). Corrosive.
Effects of Chronic Exposure	None known.
Other Toxic Effects	Not available.

**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.
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**Section 14. Transport Information**

DOT Classification	
DOT Proper Shipping Name	Please refer to the Bill of Lading/receiving documents for up to date shipping information.
TDG Classification	
TDG Proper Shipping Name	Please refer to the Bill of Lading/receiving documents for up to date shipping information.
TDG Class	

**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

**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

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