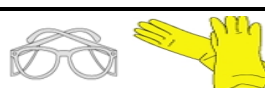


CREW NA II RTU NON ACID BOWL AND BATHROOM CLEANER

National Fire Protection Association (NFPA)	Fire Hazard		Hazardous Material Information System (HMIS)	Health	2	
	Health	Reactivity		Fire Hazard	2	
				Reactivity	0	
				Specific Hazard		
Protective Clothing			Emergency Overview	Blue. Liquid. See Section 9. CAUTION: COMBUSTIBLE. May cause eye and skin irritation.		

Section 1. Chemical Product and Company Identification

Product Name		CREW NA II RTU NON ACID BOWL AND BATHROOM CLEANER	Code	4567
Product Use		Industrial/Institutional: Disinfectant.	PMS#	433100
MSDS#		114567001	Validation Date	04/19/2000
U.S. Headquarters		Canadian Headquarters	Print Date	04/19/2000
Johnson Wax Professional		Johnson Wax Professional	Supersedes	04/12/2000.
8310 16th Street		100 Matheson Blvd. East, Suite 203	<u>In Case of Emergency</u>	(800) 851-7145
Sturtevant, Wisconsin 53177-0902		Mississauga, Ontario L4Z 2G7		
Phone: (888) 352-2249		Phone: (905) 755-0913 or		
MSDS Internet Address:		(888) 746-5971		
www.jwp.com				

Section 2. Composition and Information on Ingredients

Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
n-Alkyl Dimethyl Benzyl Ammonium Chlorides	68391-01-5	0.105	Not available.	Not available.
n-Alkyl Dimethyl Ethylbenzyl Ammonium Chlorides	68956-79-6	0.105	Not available.	Not available.
2-Butoxyethanol	111-76-2	1-5	TWA: 120 (mg/m ³) from OSHA (PEL) [United States] TWA: 97 (mg/m ³) from ACGIH (TLV) [United States]	ORAL (LD50): Acute: 3000 mg/kg [Male. Rat]. 506 mg/kg [Male. Rat]. DERMAL (LD50): Acute: 406 mg/kg [Male. Rabbit]. VAPOR (LC50): Acute: 450 ppm 4 hours [Female. Rat]. 486 ppm 4 hours [Male. Rat].
Diethylene Glycol Ethyl Ether	111-90-0	1-5	Not available.	ORAL (LD50): Acute: 5540 to 9740 mg/kg [Rat].

Section 3. Hazards Identification

Routes of Entry	Inhalation. Skin contact. Eye contact.
Potential Acute Health Effects	
Eyes	May be moderately irritating to eyes.
Skin	May be moderately irritating to skin.
Inhalation	None known.
Ingestion	None known.
Medical Conditions Aggravated by Overexposure:	Persons with pre-existing skin disorders may be more susceptible to irritating effects.
See Toxicological Information (section 11)	

Section 4. First Aid Measures

Eye Contact	Flush immediately with plenty of water. If irritation persists, get medical attention.
Skin Contact	Flush immediately with plenty of water. If irritation persists, get medical attention.
Inhalation	No specific first aid measures are required.
Ingestion	Have conscious person drink several glasses of water or milk. Seek medical attention.

Section 5. Fire Fighting Measures

Flammability of the Product	Not considered to be flammable.
Flash Points	CLOSED CUP: 86°C (186.8°F).
Products of Combustion	None known.
Fire Fighting Media and Instructions	Use water spray to keep fire-exposed containers cool. Dry chemical, carbon dioxide.
Protective Clothing (Fire)	Put on appropriate personal protective equipment (see Section 8).
Special Remarks on Fire and Explosion Hazards	None.

Section 6. Accidental Release Measures

Personal Precautions	Put on appropriate personal protective equipment (see Section 8).
Environmental Precautions and Clean-up Methods	Eliminate all ignition sources. In the event of major spillage: Use appropriate containment to avoid environmental contamination. Take up with sand or other non-combustible material. Place in suitable clean, dry containers for disposal by approved methods.

Section 7. Handling and Storage

Handling	Avoid contact with eyes, skin, and clothing. Avoid breathing vapors or spray mists. Wash thoroughly after handling. FOR INDUSTRIAL USE ONLY. Use only in well-ventilated areas.
Storage	Store in a dry, cool and well-ventilated area. Protect from freezing. KEEP OUT OF REACH OF CHILDREN.

Section 8. Exposure Controls/Personal Protection

Engineering Controls	No special ventilation requirements. General room ventilation is adequate.
Personal Protection	
<i>Eyes</i>	Safety glasses with side shields.
<i>Hands</i>	Rubber gloves.
<i>Respiratory</i>	No special protective clothing is required.
<i>Feet</i>	No special protective clothing is required.
<i>Body</i>	No special protective clothing is required.

Section 9. Physical and Chemical Properties

Physical State and Appearance	Liquid.
Odor	Citrus.
Color	Blue.
pH	11.8 to 12.8 [Basic.]
Specific Gravity	1
Boiling/Condensation Point	100°C (212°F)
Melting/Freezing Point	0°C (32°F)
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	Do not mix with any other chemicals or products unless specified by label.
Hazardous Decomposition Products	When exposed to fire: Produces normal products of combustion.
Hazardous Polymerization	Will not occur.

Section 11. Toxicological Information

Acute toxicity	ORAL (LD50) Greater than 5000 mg/kg (rat). DERMAL (LD50) Greater than 2000 mg/kg (rabbit).
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	Not regulated
TDG Classification	Not regulated

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: Diethylene Glycol Ethyl Ether
 CERCLA: Hazardous substances.: Diethylene Glycol Ethyl Ether, 2-Butoxyethanol

State New Jersey spill list: Diethylene Glycol Ethyl Ether, 2-Butoxyethanol
 New Jersey: Diethylene Glycol Ethyl Ether, 2-Butoxyethanol
 Massachusetts spill list: 2-Butoxyethanol
 Massachusetts RTK: 2-Butoxyethanol
 Pennsylvania RTK: Diethylene Glycol Ethyl Ether, 2-Butoxyethanol

This product is not subject to the reporting requirements under California's Proposition 65.

Registered Product Information EPA Registration Number: 8155-5-70627 formerly 8155-5-4822

Canadian Regulations

Canadian NPRI Not applicable.

WHMIS Classification Not applicable.

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.

**CREW NA II RTU NON ACID BOWL AND BATHROOM
CLEANER****Section 16. Other Information**

Other Special Considerations	Not available.
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