


CREW NA II RTU NON ACID BOWL AND BATHROOM CLEANER

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

Section 1. Chemical Product and Company Identification	
Product Name	CREW NA II RTU NON ACID BOWL AND BATHROOM CLEANER
Product Use	Industrial/Institutional: Disinfectant.
MSDS#	114567001
U.S. Headquarters	Canadian Headquarters
JohnsonDiversey, Inc. 8310 16th Street Sturtevant, Wisconsin 53177-0902 Phone: (888) 352-2249 MSDS Internet Address: www.johnsondiversev.com	JohnsonDiversey - Canada, Inc. 2401 Bristol Circle Oakville, Ontario L6H 6P1 Phone: 1-800-668-3131
	Code 4567
	PMS#
	Validation Date 1/17/2005
	Print Date 1/17/2005
	Supersedes No Previous Validation
	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	0.105	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	
	<i>Eyes</i> May be moderately irritating to eyes.
	<i>Skin</i> May be moderately irritating to skin.
	<i>Inhalation</i> None known.
	<i>Ingestion</i> None known.

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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
Eyes Safety glasses with side shields.
Hands Rubber gloves.
Respiratory No special protective clothing is required.
Feet No special protective clothing is required.
Body 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

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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

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BATHROOM CLEANER**

Canadian NPRI Not applicable.

WHMIS Classification Not applicable.

WHMIS Icon

Registered Product Not applicable.

Information**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** 2.1**Notice to Reader**

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