

CREW SUPER BLUE BOWL CLEANER

National Fire Protection Association (NFPA)	Fire Hazard Health 3 Fire Hazard 0 Reactivity 0 Specific Hazard	Hazardous Material Information System (HMIS)	<table><tr><td>Health</td><td>3</td></tr><tr><td>Fire Hazard</td><td>0</td></tr><tr><td>Reactivity</td><td>0</td></tr></table>	Health	3	Fire Hazard	0	Reactivity	0
Health	3								
Fire Hazard	0								
Reactivity	0								
Protective Clothing		Emergency Overview	Clear Blue. Liquid. See Section 9. DANGER. CORROSIVE. CAUSES EYE AND SKIN BURNS. HARMFUL OR FATAL IF SWALLOWED.						

Section 1. Chemical Product and Company Identification

Product Name CREW SUPER BLUE BOWL CLEANER	Code 54511
Product Use Industrial/Institutional: Cleaning product.	PMS# 436791
MSDS# 124510001	Validation Date 04/19/2000
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 04/20/2000	Supersedes 04/12/2000.
In Case of Emergency (800) 851-7145	

Section 2. Composition and Information on Ingredients

Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
Alkylphenoxy Polyethoxyethanol Dodecylbenzene Sulfonic Acid	26027-38-3 27176-87-0	1-5 1-5	Not available. Not available.	Not available. ORAL (LD50): Acute: 650 mg/kg [Rat].
Oxalic Acid	6153-56-6	1-5	TWA: 1 (mg/m ³) from OSHA (PEL) [United States] TWA: 1 STEL: 2 (mg/m ³) from ACGIH (TLV) [United States] Not available.	ORAL (LD50): Acute: 7500 mg/kg [Rat]. DERMAL (LD50): Acute: 20000 mg/kg [Rabbit].
Water	7732-18-5	60-100	Not available.	Not applicable.

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 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 Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention immediately.
Skin Contact Flush immediately with plenty of water for at least 15 minutes. Get medical attention immediately.
Inhalation If breathing is difficult: Remove to fresh air. Get medical attention immediately.
Ingestion Do not induce vomiting! Immediately drink plenty of water. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Section 5. Fire Fighting Measures

Flammability of the Product	None known.
Flash Points	Not available.
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, and clothing. Do not taste or swallow. Avoid breathing vapors or spray mists. Wash thoroughly after handling. Remove and wash contaminated clothing and footwear before re-use. 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 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	
<i>Eyes</i>	Chemical splash goggles.
<i>Hands</i>	Chemical resistant gloves. Includes: Neoprene gloves. Rubber gloves.
<i>Respiratory</i>	If mists/vapors are not adequately controlled by ventilation, use appropriate respiratory protection to avoid over exposure. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.
<i>Feet</i>	Protective footwear.
<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	Characteristic.
Color	Clear Blue.
pH	1 to 1.5 [Acidic.]
Specific Gravity	1.05
Boiling/Condensation Point	>95°C (203°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	Reactive with alkalis.
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) Estimated to be greater than 5000 mg/kg (rat).

Effects of Chronic Exposure None known.

Other Toxic Effects Not available.

Section 12. Ecological Information

Not available.

Section 13. Disposal Considerations

Waste Information Undiluted product is regulated under environmental and transportation laws as a corrosive waste. Dispose of according to all federal, state and local regulations.

Section 14. Transport Information
DOT Classification

DOT Class Not applicable.

UN/NA

DOT Special Considerations

TDG Classification

TDG Proper Shipping Name Corrosive liquid, acidic, inorganic, n.o.s. (Oxalic acid)

TDG Class Class 8: Corrosive material

PIN/NIP UN3264

Packing Group III

TDG Special Considerations Limited Quantity

Section 15. Regulatory Information

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

US Regulations

Federal Clean Water Act (CWA) 311: Dodecylbenzene Sulfonic Acid
CERCLA: Hazardous substances.: Dodecylbenzene Sulfonic Acid

State New Jersey spill list: Dodecylbenzene Sulfonic Acid
New Jersey: Dodecylbenzene Sulfonic Acid, Oxalic Acid
Massachusetts spill list: Dodecylbenzene Sulfonic Acid
Massachusetts RTK: Dodecylbenzene Sulfonic Acid, Oxalic Acid
Pennsylvania RTK: Dodecylbenzene Sulfonic Acid, Oxalic Acid
This product is not subject to the reporting requirements under California's Proposition 65.

Registered Product Information Not applicable.

Canadian Regulations

Canadian NPRI Canadian NPRI: Alkylphenoxy Polyethoxyethanol.

WHMIS Classification CLASS E: Corrosive liquid.

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

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