

National Fire
Protection
Association (NFPA)

Health
Protection
Association (NFPA)

Reactivity

Reactivity

Hazardous Material
Information System
(HMIS)

Fire Hazard

0

Reactivity
0

Protective None required.

Clothing

Emergency Blue. Powder. See Section 9.
CAUTION: May be mildly irrit

CAUTION: May be mildly irritating to skin. May cause eye irritation.

Section 1. Chemical Product and Company Identification				
Product Name	CREW ENZYME I	CREW ENZYME BOWL CLEANER		7836
Product Use	Industrial/Institutional to be diluted prior to u	trial/Institutional: Cleaning product. This product is intended diluted prior to use.		448653
MSDS#	126119002		Validation Date	5/1/2002
U.S. Headquarters		Canadian Headquarters	Print Date	5/1/2002
Johnson Wax Professional 8310 16th Street		Johnson Wax Professional 100 Matheson Blvd. East, Suite 203	Supersedes	No Previous Validation.
Sturtevant, Wisconsin 53177-0902 Phone: (888) 352-2249 MSDS Internet Address: www.jwp.com		Mississauga, Ontario L4Z 2G7 Phone: (905) 755-0913 or (888) 746-5971	In Case of Emergency	(800) 851-7145

Section 2. Composition and Information on Ingredients				
Ingredients	CAS#	% by Weight	Exposure Limits	LC50/LD50
Sodium Chloride	7647-14-5	30-60	Not available.	ORAL (LD50): Acute: 3000 mg/kg [Rat]. DERMAL (LD50): Acute: >10000 mg/kg [Rabbit]. DUST (LC50): Acute: >42000 mg/m³ 1 hour(s) [Rat].
Citric Acid	77-92-9	10-30	Not available.	ORAL (LD50): Acute: 3000 mg/kg [Rat].
Sodium Carbonate	497-19-8	10-30	Not available.	ORAL (LD50): Acute: 4090 mg/kg [Rat]. DUST (LC50): Acute: 2300 mg/m³ 2 hour(s) [Rat].
Calcium Carbonate	471-34-1	5-10	Not available.	ORAL (LD50): Acute: 6450 mg/kg [Rat].
Alkylphenoxy Polyethoxyethanol	26027-38-3	1-5	Not available.	Not available.

Section 3. Hazards Identification		
Routes of Entry	Eye contact. Skin contact Inhalation.	
Potential Acute Health Effects		
Eyes	May be moderately irritating to eyes.	
Skin	May be mildly irritating to skin.	
Inhalation	None known.	
Ingestion	May cause abdominal discomfort, nausea, vomiting and diarrhea.	
Medical Conditions Aggravated by Overexposure:	Persons with pre-existing sensitivity to enzymes may be more susceptible to allergic reaction.	
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. Get medical attention if irritation occurs.	
Inhalation	No specific first aid measures are required.	
Ingestion	Immediately drink plenty of water. If discomfort persists, get medical attention.	

Section 5. Fire Fighting Measures		
Flammability of the Product Flash Points	None known. 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.	
Special Remarks on Fire and Explosion Hazards	None known.	

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 use if allergic to enymes. Wash thoroughly after handling. FOR INDUSTRIAL USE ONLY .	
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	No special protection is required.	
Hands	No special protective clothing is required.	
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	Solid. (Powder.)	
Odor	Lavender.	
Color	Blue.	
pН	6 [Acidic.] (Slurry)	
Specific Gravity	0.9	
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	Avoid mixing with: Chlorine or Chlorine based bleaching agents. Reactive with oxidizing agents. Mixing with other cleaning products may produce toxic gas.		
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	May cause sensitization by inhalation.	

Section 12. Ecological Information

Not available.

Section 13. Disposal Considerations

Waste Information No special precautions. Dispose of according to all federal, state and local regulations.

Section 14. Transport Information

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1)()[Classification	n

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

TDG Classification

UN/NA
DOT Special
Considerations

TDG Proper Shipping Name TDG Class

PIN/NIP
TDG Special
Considerations

Please refer to the Bill of Lading/receiving documents for up to date shipping information.

Section 15. Regulatory Information

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

US Regulations

State New Jersey: Calcium Carbonate Pennsylvania RTK: Calcium Carbonate

Registered Product Not applicable. **Information**

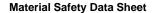
Canadian Regulations

Canadian NPRI Canadian NPRI: Alkylphenoxy Polyethoxyethanol.

WHMIS Classification CLASS D-2B: Material causing other toxic effects (TOXIC).

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	1.01	

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