

# **CREW ENZYME BOWL CLEANER**

| Protection<br>Association (NH  | FPA) H       | Fire Haza   | ard<br>Reactivity  | Hazardous<br>Informatio<br>(HMIS)   |                                       | Health2Fire Hazard0Reactivity0   |
|--|--------------|---|--|---|---------------------------------------|--|
| Protective None rea  | quired.      | Specific Ha   | azard<br>Emer<br>Overv   |   |                                       | 9.<br>irritating to skin. May cause e  |
| Section 1. Che   | emical Produ | ict and Com   | pany Identific   | ation   |                                       |  |
| Product Name   | CREW ENZ     | YME BOWL  | CLEANER  | Code  |                                       | 7836   |
|  |              |   |  |   | PMS#                                  | 448653   |
| MSDS#  | 126119002    |   |  |   | Validation I                          | Date 5/1/2002  |
| U.S. Headquarters  |              |   | Canadian Headqu  |   | Print Date                            | 5/1/2002   |
| Johnson Wax Professional<br>8310 16th Street<br>Sturtevant, Wisconsin 53177-0902<br>Phone: (888) 352-2249<br>MSDS Internet Address:<br>www.jwp.com |              |   | Johnson Wax Professional<br>100 Matheson Blvd. East, Suite 203<br>Mississauga, Ontario L4Z 2G7<br>Phone: (905) 755-0913 or<br>(888) 746-5971 |   | Supersedes<br>In Case of<br>Emergency | No Previous Validation.<br>(800) 851-7145  |
|  | 1633.        |   | ()   |   |                                       |  |
| www.jwp.com Section 2. Cor   |              | d Informatio  | on on Ingredie   |   | mits                                  | LC50/LD50  |
| www.jwp.com  |              |   |  | ents<br>Exposure Li<br>Not available.   | mits                                  | LC50/LD50<br>ORAL (LD50): Acute: 3000<br>mg/kg [Rat]. DERMAL (LD50):<br>Acute: >10000 mg/kg [Rabbit].<br>DUST (LC50): Acute: >42000<br>mg/m <sup>3</sup> 1 hour(s) [Rat]   |
| www.jwp.com<br>Section 2. Cor<br>Ingredients   |              | d Informatic  | on on Ingredie   | Exposure Li   | mits                                  | ORAL (LD50): Acute: 3000<br>mg/kg [Rat]. DERMAL (LD50):<br>Acute: >10000 mg/kg [Rabbit].<br>DUST (LC50): Acute: >42000<br>mg/m <sup>3</sup> 1 hour(s) [Rat].<br>ORAL (LD50): Acute: 3000   |
| www.jwp.com<br>Section 2. Cor<br>Ingredients<br>Sodium Chloride  |              | <b>CAS #</b><br>7647-14-5   | on on Ingredie<br>% by Weight<br>30-60   | Exposure Li<br>Not available.   | mits                                  | ORAL (LD50): Acute: 3000<br>mg/kg [Rat]. DERMAL (LD50):<br>Acute: >10000 mg/kg [Rabbit].<br>DUST (LC50): Acute: >42000<br>mg/m <sup>3</sup> 1 hour(s) [Rat].<br>ORAL (LD50): Acute: 3000<br>mg/kg [Rat].<br>ORAL (LD50): Acute: 4090<br>mg/kg [Rat]. DUST (LC50):<br>Acute: 2300 mg/m <sup>3</sup> 2 hour(s)   |
| www.jwp.com<br>Section 2. Cor<br>Ingredients<br>Sodium Chloride<br>Citric Acid   |              | CAS #<br>7647-14-5<br>77-92-9                                       | on on Ingredie<br>% by Weight<br>30-60<br>10-30  | Exposure Li<br>Not available.<br>Not available.                                     | mits                                  | ORAL (LD50): Acute: 3000<br>mg/kg [Rat]. DERMAL (LD50):<br>Acute: >10000 mg/kg [Rabbit].<br>DUST (LC50): Acute: >42000<br>mg/m <sup>3</sup> 1 hour(s) [Rat].<br>ORAL (LD50): Acute: 3000<br>mg/kg [Rat].<br>ORAL (LD50): Acute: 4090<br>mg/kg [Rat]. DUST (LC50):<br>Acute: 2300 mg/m <sup>3</sup> 2 hour(s)<br>[Rat].<br>ORAL (LD50): Acute: 6450                 |
| www.jwp.com<br>Section 2. Cor<br>Ingredients<br>Sodium Chloride<br>Citric Acid<br>Sodium Carbonate   | mposition an | CAS #<br>7647-14-5<br>77-92-9<br>497-19-8                           | <b>on on Ingredie</b><br>% by Weight<br>30-60<br>10-30<br>10-30  | Exposure Li<br>Not available.<br>Not available.<br>Not available.                   | mits                                  | ORAL (LD50): Acute: 3000<br>mg/kg [Rat]. DERMAL (LD50):<br>Acute: >10000 mg/kg [Rabbit].<br>DUST (LC50): Acute: >42000<br>mg/m <sup>3</sup> 1 hour(s) [Rat].<br>ORAL (LD50): Acute: 3000<br>mg/kg [Rat].<br>ORAL (LD50): Acute: 4090<br>mg/kg [Rat]. DUST (LC50):<br>Acute: 2300 mg/m <sup>3</sup> 2 hour(s)<br>[Rat].   |
| www.jwp.com<br>Section 2. Cor<br>Ingredients<br>Sodium Chloride<br>Citric Acid<br>Sodium Carbonate<br>Calcium Carbonate                            | mposition an | CAS #<br>7647-14-5<br>77-92-9<br>497-19-8<br>471-34-1<br>26027-38-3 | <b>on on Ingredie</b><br>% by Weight<br>30-60<br>10-30<br>10-30<br>5-10  | Exposure Li<br>Not available.<br>Not available.<br>Not available.<br>Not available. | mits                                  | ORAL (LD50): Acute: 3000<br>mg/kg [Rat]. DERMAL (LD50):<br>Acute: >10000 mg/kg [Rabbit].<br>DUST (LC50): Acute: >42000<br>mg/m <sup>3</sup> 1 hour(s) [Rat].<br>ORAL (LD50): Acute: 3000<br>mg/kg [Rat].<br>ORAL (LD50): Acute: 4090<br>mg/kg [Rat]. DUST (LC50):<br>Acute: 2300 mg/m <sup>3</sup> 2 hour(s)<br>[Rat].<br>ORAL (LD50): Acute: 6450<br>mg/kg [Rat]. |

| <i>Eyes</i> 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
 Persons with pre-existing sensitivity to enzymes may be more susceptible to allergic reaction.

 Aggravated by Overexposure:
 Persons with pre-existing sensitivity to enzymes may be more susceptible to allergic reaction.

See Toxicological Information (section 11)

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# **CREW ENZYME BOWL CLEANER**

#### 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<br>Flash Points      | None known.<br>None.  |
|--|---|
| Products of Combustion                           | None known.   |
| Fire Fighting Media<br>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<br>Explosion Hazards | None known.   |

Section 6. Accidental Release Measures

| <b>Personal Precautions</b>                       | Put on appropriate personal protective equipment (see Section 8).  |
|---|--|
| Environmental Precautions<br>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 vent | ilation requirements | General room | ventilation is adequate. |
|----------------------|-----------------|----------------------|--------------|--------------------------|
| Engineering Controls |                 | liauon requirements. | Ocheral 100m |                          |

**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<br>Appearance | Solid. (Powder.)     |
|----------------------------------|----------------------|
| Odor                             | Lavender.            |
| Color                            | Blue.                |
| рН                               | 6 [Acidic.] (Slurry) |
| Specific Gravity                 | 0.9                  |
| Solubility in water              | Complete.            |

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## **CREW ENZYME BOWL CLEANER**

| PROFESSIONAL                               | CREW ENZIME BOWL CLEANER   |
|--|--|
| Section 10. Stability                      | and Reactivity   |
| Stability and Reactivity                   | The product is stable.   |
| Conditions of Instability                  | None known.  |
| Incompatibility with Various<br>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<br>Products        | When exposed to fire: Produces normal products of combustion.  |
| Hazardous Polymerization                   | Will not occur.  |
| Section 11. Toxicolo                       | gical 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. Ecologic                       | al Information   |
| Not available.                             |  |
| Section 13. Disposal                       | Considerations   |
| Waste Information                          | No special precautions. Dispose of according to all federal, state and local regulations.  |
| Section 14. Transpor                       | rt Information   |
| DOT Classification                         |  |
| DOT Proper<br>Shipping Name<br>DOT Class   | Please refer to the Bill of Lading/receiving documents for up to date shipping information.  |
| UN/NA                                      |  |
| DOT Special<br>Considerations              |  |

TDG Classification

TDG Proper<br/>Shipping NamePlease refer to the Bill of Lading/receiving documents for up to date shipping information.TDG Class

PIN/NIP TDG Special Considerations

#### 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).





Continued on Next Page



## **CREW ENZYME BOWL CLEANER**

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<br>Considerations | Not available. |  |
| Version                         | 1.01           |  |
| Notice to Reader                |                |  |

Notice to Reader

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