# CREW SHOWER, TUB & TILE CLEANER HC (HYPER-CONC.)

## Section 1. Chemical Product and Company Identification

<table>
<thead>
<tr>
<th>Product Name</th>
<th>CREW SHOWER, TUB &amp; TILE CLEANER HC (HYPER-CONC.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Use</td>
<td>Industrial/Institutional: Washroom care. This product is intended to be diluted prior to use.</td>
</tr>
<tr>
<td>MSDS#</td>
<td>114608001</td>
</tr>
<tr>
<td>Code</td>
<td>4970</td>
</tr>
<tr>
<td>PMS#</td>
<td>433449</td>
</tr>
<tr>
<td>Validation Date</td>
<td>04/19/2000</td>
</tr>
<tr>
<td>P.O. Box</td>
<td>(800) 851-7145</td>
</tr>
<tr>
<td>U.S. Headquarters</td>
<td>Johnson Wax Professional</td>
</tr>
<tr>
<td>Canadian Headquarters</td>
<td>Johnson Wax Professional</td>
</tr>
<tr>
<td></td>
<td>100 Matheson Blvd. East, Suite 203</td>
</tr>
<tr>
<td></td>
<td>Mississauga, Ontario L4Z 2G7</td>
</tr>
<tr>
<td></td>
<td>Phone: (905) 755-0913 or (888) 746-5971</td>
</tr>
</tbody>
</table>

## Section 2. Composition and Information on Ingredients

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS #</th>
<th>% by Weight</th>
<th>Exposure Limits</th>
<th>LC50/LD50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fragrance</td>
<td>68439-46-3</td>
<td>1-5</td>
<td>Not available.</td>
<td></td>
</tr>
<tr>
<td>Alcohol Ethoxylates</td>
<td>7732-18-5</td>
<td>5-10</td>
<td>Not available.</td>
<td></td>
</tr>
<tr>
<td>Water</td>
<td>7664-38-2</td>
<td>30-60</td>
<td>TWA: 1 STEL: 3 (mg/m³) from OSHA (PEL) [United States]</td>
<td></td>
</tr>
<tr>
<td>Phosphoric Acid</td>
<td>7664-38-2</td>
<td>30-60</td>
<td>TWA: 1 STEL: 3 (mg/m³) from ACGIH (TLV) [United States]</td>
<td></td>
</tr>
</tbody>
</table>

## 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
- Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects.

### Aggravated by Overexposure

*See Toxicological Information (section 11)*

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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

**Eyes**
Chemical splash goggles.

**Hands**
Chemical resistant gloves. Includes: Neoprene gloves. Rubber gloves.

**Respiratory**
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.

**Feet**
Protective footwear.

**Body**
If major exposure is possible, wear suitable protective clothing and footwear.

Section 9. Physical and Chemical Properties

Physical State and Appearance
Liquid.

Odor
Citrus. Floral.

Color
Red.

pH
<1.5 [Acidic.] (Undiluted.)

Specific Gravity
1.4

Boiling/Condensation Point
>93°C (199.4°F)

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Melting/Freezing Point
0°C (32°F)

Viscosity
<10 cP (Dynamic).

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. Avoid mixing with: metals

Hazardous Decomposition Products
When exposed to fire: Produces normal products of combustion.

Hazardous Polymerization
Will not occur.

Section 11. Toxicological Information

Acute toxicity
Corrosive.

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

DOT Class
Class 8: Corrosive material

UN/NA
UN3264

Packing Group
III

DOT Special Considerations
Limited Quantity

TDG Classification

TDG Proper Shipping Name
Corrosive liquid, acidic, inorganic, n.o.s. (Phosphoric 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
SARA 313 toxic chemical notification and release reporting: Phosphoric Acid
Clean Water Act (CWA) 311: Phosphoric Acid
CERCLA: Hazardous substances: Phosphoric Acid

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State
New Jersey spill list: Phosphoric Acid
New Jersey: Phosphoric Acid
Massachusetts spill list: Phosphoric Acid
Massachusetts RTK: Phosphoric Acid
Pennsylvania RTK: Phosphoric 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: Phosphoric Acid.

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