

# Material Safety Data Sheet

WHMIS (Pictograms)

WHMIS (Classification)

HCS



WHMIS Class E: Corrosive liquid. PRODUCT IS CONTROLLED UNDER PCP. WHMIS CLASS D-1: Material causing immediate and serious toxic effects.

HCS CLASS: Corrosive liquid.

## Section 1. Chemical Product and Company Identification

Product Name/ Trade name	<b>DEACTIVATE</b>	Code	76
Synonym	Toilet Bowl/Porcelain/Shower Tile Cleaner	CAS #	Not applicable.
Chemical Family	Not available.	Validation Date	1/25/2001
Chemical Formula	Not applicable.	Print Date	2/12/2001
Manufactured for	IFC Supply PO Box 266 Elkhart, IN 46515 (219) 296-7791	In Case of Emergency	(219) 296-7791
TSCA	TSCA Inventory: All components listed or are exempt from listing.		
DSL	DSL : All components listed unless noted elsewhere on this MSDS		



## Section 2. Composition and Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits	LC <sub>50</sub> /LD <sub>50</sub>
1) Water	7732-18-5	0-100	Not available.	Not available.
2) Phosphoric Acid	7664-38-2	20	TWA: 1 (mg/m <sup>3</sup> ) TWA: 1 (mg/m <sup>3</sup> ) from OSHA (PEL) [United States] STEL: 3 (mg/m <sup>3</sup> )	Not available.
3) Nonionic Surfactant	9016-45-9	0-5	Not available.	Not available.
4) Xanthan Gum	11138-66-2	0-5	Not available.	ORAL (LD50): Acute: 5000 mg/kg [Rat].
5) Perfume Oil	100-52-7	0-5	Not available.	Not available.
6) Citric Acid	77-92-9	0-5	Not available.	Not available.
7) Nonionic Surfactant	61788-90-7	0-5	Not available.	ORAL (LD50): Acute: 4610 mg/kg [Rat].
8) Nonionic Surfactant	66455-15-0	0-5	Not available.	Not available.
9) Dye	N/A	0-5	Not available.	Not available.
10) Quaternary Ammonium Chloride	68424-85-1	0.05	Not available.	Not available.

## Section 3. Hazards Identification

<b>Potential Acute Health Effects</b>	Corrosive to skin and eyes on contact. Liquid or spray mist may produce tissue damage particularly on mucous membranes of eyes, mouth and respiratory tract. Skin contact may produce burns. Inhalation of the spray mist may produce severe irritation of respiratory tract, characterized by coughing, choking, or shortness of breath. Severe over-exposure can result in death.
<b>Potential Chronic Health Effects</b>	Prolonged exposure may result in skin burns and ulcerations. Severe over-exposure can produce lung damage, choking, unconsciousness or death.
<b>Carcinogenic Effects</b>	Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.

#### Section 4. First Aid Measures

Eye Contact	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.
Skin Contact	In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.
Inhalation	Get to fresh air. Seek medical attention if symptoms persist.
Ingestion	DO NOT induce vomiting. If ingested Drink a large quantity of milk, egg white, glectin solution or if these are not available , large amounts of water. Seek immediate medical attention. NEVER give an unconscious person anything to ingest.

#### Section 5. Fire Fighting Measures

Products of Combustion	Not available.
Fire Fighting Media and Instructions	N/A
Special Remarks on Fire Hazards	N/A
Special Remarks on Explosion Hazards	N/A


#### Section 6. Accidental Release Measures

Small Spill and Leak	Chemical anti-splash goggles.
Large Spill and Leak	Absorb with an inert material and put the spilled material in an appropriate waste disposal.
Personal Protection in Case of a Large Spill	Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

#### Section 7. Handling and Storage

Precautions	Keep locked up. Keep container dry. Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. DO NOT ingest. Do not breathe gas, fumes, vapor or spray. Never add water to this product. Wear suitable protective clothing. If ingested, seek medical advice immediately and show the container or the label.
Incompatibility	Strong alkalis and oxidizers, reactive metals.
Storage	Corrosive materials should be stored in a separate safety storage cabinet or room. Keep out of the reach of children. Not for use or storage in or around the home.

#### Section 8. Exposure Controls/Personal Protection

Engineering Controls	Good general ventilation should be sufficient to control airborne levels.
Personal Protection	
<i>Eyes</i>	Splash goggles.
<i>Body</i>	
<i>Respiratory</i>	Not applicable.
<i>Hands</i>	Gloves (impervious).
Protective Clothing (Pictograms)	

**Exposure Limits****Phosphoric Acid**TWA: 1 (mg/m<sup>3</sup>)TWA: 1 (mg/m<sup>3</sup>) from OSHA (PEL)STEL: 3 (mg/m<sup>3</sup>)

Consult local authorities for acceptable exposure limits.

**Section 9. Physical and Chemical Properties**

<b>Physical State and Appearance</b>	Liquid.	<b>Odor</b>	Pleasant. (Slight.)
<b>Molecular Weight</b>	Not applicable.	<b>Taste</b>	Not available.
<b>pH</b>	1.5 to 2 [Acidic.]	<b>Color</b>	Clear Pink (Light.)
<b>Boiling/Condensation Point</b>	88°C (190.4°F)		
<b>Melting/Freezing Point</b>	Not available.		
<b>Critical Temperature</b>	Not available.		
<b>Instability Temperature</b>	Not available.		
<b>Specific Gravity</b>	1.12 (Water = 1)		
<b>Vapor Pressure</b>	<20 mm of Hg (@ 20°C)		
<b>Vapor Density</b>	>1 (Air = 1)		
<b>Volatility</b>	Not available.		
<b>VOC</b>	Not available.		
<b>Evaporation Rate</b>	<1 compared to Water		
<b>Odor Threshold</b>	Not available.		
<b>LogK<sub>ow</sub></b>	Not available.		
<b>Ionicity (in Water)</b>	Not available.		
<b>Dispersion Properties</b>	See solubility in water.		
<b>Solubility</b>	Easily soluble in cold water.		
<b>The Product is:</b>	May be combustible at high temperature.		
<b>Auto-ignition Temperature</b>	Not available.		
<b>Flash Points</b>	Not available.		
<b>Flammable Limits</b>	Not available.		
<b>Fire Hazards in Presence of Various Substances</b>	No specific information is available in our database regarding the flammability of this product in presence of various materials.		
<b>Explosion Hazards in Presence of Various Substances</b>	Not applicable		

**Section 10. Stability and Reactivity Data**

<b>Stability</b>	The product is stable.
<b>Incompatibility with Various Substances</b>	Strong alkalis and oxidizers, reactive metals.
<b>Hazardous Decomposition Products</b>	Will not occur.

### Section 11. Toxicological Information

<b>Routes of Entry</b>	Absorbed through skin. Eye contact. Inhalation. Ingestion.
<b>Toxicity to Animals</b>	Acute oral toxicity (LD50): 4610 mg/kg [Rat]. (Nonionic Surfactant).
<b>Acute Effects on Humans</b>	
<i>Eyes</i>	Severe eye irritant. Liquid or mist may burn or injure the eyes.
<i>Skin</i>	Severe skin irritant. Prolonged or repeated contact can cause chemical burns or dermatitis.
<i>Inhalation</i>	May be irritating to mucous membranes of the nose, throat, and lungs.
<i>Ingestion</i>	May be irritating to the mouth and throat. Large doses can cause nausea and vomiting.
<b>Chronic Effects on Humans</b>	Prolonged exposure may result in skin burns and ulcerations. Severe over-exposure can produce lung damage, choking, unconsciousness or death.
<b>Special Remarks on Toxicity to Animals</b>	No additional remark.
<b>Special Remarks on Chronic Effects on Humans</b>	No additional remark.



### Section 12. Ecological Information

<b>Ecotoxicity</b>	Not available.
<b>BOD5 and COD</b>	Not available.
<b>Products of Biodegradation</b>	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
<b>Toxicity of the Products of Biodegradation</b>	Not available.
<b>Special Remarks on the Products of Biodegradation</b>	No additional remark.

### Section 13. Disposal Considerations

<b>Waste Information</b>	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
<b>Waste Stream</b>	Not available.

### Section 14. Transport Information

<b>DOT (U.S.A) (Pictograms)</b>		
<b>TDG Classification</b>	Class 8: Corrosive material	
<b>PIN UN, Proper Shipping Name, PG</b>	Shipping name: Corrosive coloring liquids n.o.s. UNNA: 1760 PG: II	
<b>Maritime Transportation</b>	Not available.	
<b>Special Provisions for Transport</b>	Not available.	

**Section 15. Other Regulatory Information and Pictograms**

**WHMIS (Classification)** WHMIS Class E: Corrosive liquid. PRODUCT IS CONTROLLED UNDER PCP.  
WHMIS CLASS D-1: Material causing immediate and serious toxic effects.



**Regulatory Lists** No products were found.

**Other Regulations** OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

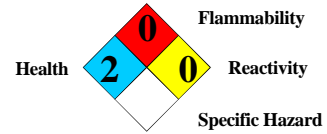
**Other Classifications**

<b>HCS (U.S.A.)</b>	HCS CLASS: Corrosive liquid.
<b>USA Regulatory Lists</b>	SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Phosphoric Acid SARA 313 toxic chemical notification and release reporting: Phosphoric Acid
<b>DSD (EEC)</b>	R35- Causes severe burns.
<b>International Regulations Lists</b>	No products were found.

**Hazardous Material Information System (U.S.A.)**

Health	2
Flammability	0
Reactivity	0
Personal Protection	B

**National Fire Protection Association (U.S.A.)**



**Section 16. Other Information**

Validated by CRushton on 1/25/2001.

Verified by CRushton.

Printed 2/12/2001.

**Information Contact** IFC Supply  
PO Box 266  
Elkhart, IN 46515  
(219) 296-7791

Notice to Reader

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*

Validated on 1/25/2001.

**DEACTIVATE**