

**JOHN BOWL Disinfectant Cleaner & Deodorizer**

Version Number:2

Preparation date:2007-06-12

<b>1. PRODUCT AND COMPANY IDENTIFICATION</b>	
<b>Product name:</b>	JOHN BOWL Disinfectant Cleaner & Deodorizer
<b>MSDS #:</b>	MS0600032
<b>Product Code:</b>	U23005
<b>Recommended use:</b>	Restroom Care.
<b>Manufacturer, importer, supplier:</b> Unisource Worldwide, Inc. 6600 Governors Lake Parkway Norcross, GA 30071 Phone: 1-800-864-7687 MSDS Internet Address: www.unisourcelink.com	
<b>Emergency telephone number:</b>	1-888-660-6737

<b>2. HAZARDS IDENTIFICATION</b>	
<b>EMERGENCY OVERVIEW</b>	
<ul style="list-style-type: none"> <li>• DANGER</li> <li>• CORROSIVE</li> <li>• CAUSES SKIN AND EYE BURNS</li> <li>• HARMFUL OR FATAL IF SWALLOWED</li> </ul>	
<b>Principal routes of exposure:</b>	<ul style="list-style-type: none"> <li>• Eye contact</li> <li>• Skin contact</li> <li>• Inhalation</li> </ul>
<b>Eye contact:</b>	<ul style="list-style-type: none"> <li>• Corrosive</li> <li>• Causes permanent eye damage, including blindness</li> </ul>
<b>Skin contact:</b>	<ul style="list-style-type: none"> <li>• Corrosive</li> <li>• Causes permanent damage</li> </ul>
<b>Inhalation:</b>	<ul style="list-style-type: none"> <li>• May cause irritation and corrosive effects to nose, throat and respiratory tract</li> </ul>
<b>Ingestion:</b>	<ul style="list-style-type: none"> <li>• Corrosive</li> <li>• Causes burns to mouth, throat and stomach</li> </ul>

<b>3. COMPOSITION/INFORMATION ON INGREDIENTS</b>
--

Ingredient(s)	CAS #	Weight %
Hydrochloric acid	7647-01-0	10 - 30%

Ingredient(s)	LD50 Oral - Rat (mg/kg)	LD50 Dermal - Rabbit	LC50 Inhalation - Rat
Hydrochloric acid	700	>5010 mg/kg	=3124 ppm (1 h)

<b>4. FIRST AID MEASURES</b>	
<b>Eye contact:</b>	<ul style="list-style-type: none"> <li>• Immediately flush eyes with running water for 15-20 minutes, keeping eyelids open</li> <li>• Get medical attention immediately</li> </ul>
<b>Skin contact:</b>	<ul style="list-style-type: none"> <li>• Immediately flush with plenty of water for 15-20 minutes</li> <li>• Get medical attention immediately</li> </ul>
<b>Inhalation:</b>	<ul style="list-style-type: none"> <li>• If breathing is affected, remove to fresh air</li> <li>• Get medical attention immediately</li> </ul>
<b>Ingestion:</b>	<ul style="list-style-type: none"> <li>• If swallowed, rinse mouth</li> <li>• Give a cupful of water or milk</li> <li>• THEN IMMEDIATELY CONTACT A PHYSICIAN OR POISON CENTER</li> <li>• DO NOT induce vomiting unless directed to do so by medical personnel</li> <li>• Never give anything by mouth to an unconscious person</li> </ul>
<b>Notes to physician:</b>	<ul style="list-style-type: none"> <li>• Probable mucosal damage may contraindicate the use of gastric lavage</li> </ul>

<b>Aggravated Medical Conditions:</b>	<ul style="list-style-type: none"> <li>Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects</li> </ul>
---------------------------------------	---

### 5. FIRE-FIGHTING MEASURES

<b>Suitable extinguishing media:</b>	<ul style="list-style-type: none"> <li>Use dry chemical, CO2, water spray or "alcohol" foam</li> <li>Extinguish fire using agent suitable for surrounding fire</li> </ul>
<b>Specific hazards:</b>	<ul style="list-style-type: none"> <li>No information available</li> </ul>
<b>Unusual hazards:</b>	<ul style="list-style-type: none"> <li>Corrosive material (See sections 8 and 10)</li> </ul>
<b>Specific methods:</b>	No special methods required
<b>Special protective equipment for firefighters:</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear
<b>Extinguishing media which must not be used for safety reasons:</b>	No information available

### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions:</b>	Use personal protective equipment
<b>Environmental precautions and clean-up methods:</b>	<ul style="list-style-type: none"> <li>Use appropriate containment to avoid environmental contamination</li> <li>Soak up with inert absorbent material</li> <li>Shovel into suitable container for disposal</li> <li>Use a water rinse for final clean-up</li> <li>Material is toxic to fish. Do not discharge into lakes, streams, ponds, or public water unless in accordance with an NPDES permit</li> </ul>

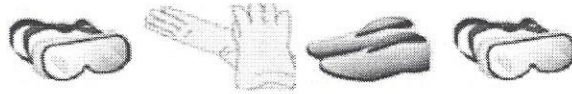
### 7. HANDLING AND STORAGE

<b>Handling:</b>	<ul style="list-style-type: none"> <li>Avoid contact with skin, eyes and clothing</li> <li>Do not taste or swallow</li> <li>Avoid breathing vapors or mists</li> <li>Use only with adequate ventilation</li> <li>Remove and wash contaminated clothing and footwear before re-use</li> <li>Wash thoroughly after handling</li> <li>Product residue may remain on/in empty containers</li> <li>All precautions for handling the product must be used in handling the empty container and residue.</li> </ul>
<b>FOR COMMERCIAL AND INDUSTRIAL USE ONLY.</b>	
<b>Storage:</b>	<ul style="list-style-type: none"> <li>Protect from freezing</li> <li>Keep tightly closed in a dry, cool and well-ventilated place</li> <li>KEEP OUT OF REACH OF CHILDREN</li> </ul>

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Engineering measures to reduce exposure:</b>	
<ul style="list-style-type: none"> <li>Good general ventilation should be sufficient to control airborne levels</li> <li>Respiratory protection is not required if good ventilation is maintained.</li> </ul>	
<b>Personal Protective Equipment</b>	
<b>Eye protection:</b>	<ul style="list-style-type: none"> <li>Chemical-splash goggles</li> <li>Chemical-resistant gloves</li> </ul>
<b>Hand protection:</b>	<ul style="list-style-type: none"> <li>Protective footwear</li> </ul>
<b>Skin and body protection:</b>	<ul style="list-style-type: none"> <li>If major exposure is possible, wear suitable protective clothing and footwear</li> </ul>
<b>Respiratory protection:</b>	<ul style="list-style-type: none"> <li>In case of insufficient ventilation wear suitable respiratory equipment</li> <li>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</li> </ul>
<b>Hygiene measures:</b>	<ul style="list-style-type: none"> <li>Keep away from food, drink and animal feeding stuffs</li> <li>Handle in accordance with good industrial hygiene and safety practice</li> </ul>

## Personal protective equipment



Ingredient(s)	CAS #	ACGIH	OSHA	Mexico
Hydrochloric acid	7647-01-0	2 ppm (Ceiling)	5 ppm (Ceiling) 7 mg/m <sup>3</sup> (Ceiling)	5 ppm (Ceiling) 7 mg/m <sup>3</sup> (Ceiling)

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid	Appearance:	Aqueous solution
Bulk density:	No information available	Specific gravity:	1.118
Elemental Phosphorus:	0% by wt.	Vapor density:	No information available
Evaporation Rate	No information available	Solubility:	Completely Soluble
VOC:	0% *	Viscosity:	No information available
Density:	9.24lbs/galKg/L	pH:	10.5
Dilution pH:	No information available.		
Partition coefficient (n-octanol/water):	No information available		
Solubility in other solvents:	No information available		
Color:	Blue		
Odor:	Minty		
Boiling point/range:	Not determined		
Melting point/range:	Not determined		
Flash point:	°F°C		
Decomposition temperature:	Not determined		
Autoignition temperature:	No information available		

\* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

## 10. STABILITY AND REACTIVITY

Stability:	The product is stable
Polymerization:	Hazardous polymerization does not occur
Hazardous decomposition products:	• None reasonably foreseeable.
Materials to avoid:	<ul style="list-style-type: none"> <li>• Strong acids and strong bases</li> <li>• Reducing agents</li> <li>• Metals</li> <li>• Do not mix with chlorinated products</li> </ul>
Conditions to avoid:	• Do not mix with any other product or chemical

## 11. TOXICOLOGICAL INFORMATION

Acute toxicity:	Corrosive
Component Information:	See Section 3
Chronic toxicity:	None known
Specific effects	
Carcinogenic effects:	None known
Mutagenic effects:	None known
Reproductive toxicity:	None known
Target organ effects:	None known

## 12. ECOLOGICAL INFORMATION

Environmental Information:	• No data available
----------------------------	---------------------

**13. DISPOSAL CONSIDERATIONS**

<b>Waste from residues / unused products:</b>	<ul style="list-style-type: none"> <li>• PESTICIDAL WASTE - Observe all applicable Federal/Provincial/State regulations and Local/Municipal ordinances regarding disposal of pesticide wastes</li> <li>• Undiluted product is regulated under environmental and transportation laws as a corrosive waste</li> <li>• Pesticide product disposal requirements vary by package size and type. Pesticides include disinfectants and sanitizers. See product label for complete disposal instructions. Always dispose of according to all federal, state and local applicable regulations</li> </ul>
---	---

**14. TRANSPORT INFORMATION**

**DOT/TDG:** Please refer to the Bill of Lading/receiving documents for up to date shipping information

**15. REGULATORY INFORMATION****International Inventories**

All components of this product are listed on the following inventories:U.S.A. (TSCA)

**U.S. Regulations**

**EPA Reg. No. :**8155-3-82440

**California Proposition 65:**This product is not subject to the reporting requirements under California's Proposition 65

**SARA 311/312 Hazard Categories**

**Immediate:** X

**Delayed:** -

**Fire:** -

**Reactivity:** -

**Sudden Release of Pressure:** -

**Canada**

Ingredient(s)	CAS #	NPRI
Hydrochloric acid	7647-01-0	X

**WHMIS hazard class:**

Not for sale in Canada

**Right To Know (RTK)**

Ingredient(s)	CAS #	NJRTK:	MARTK:	PARTK:	RIRTK:
Water	7732-18-5	-	-	-	-
Hydrochloric acid	7647-01-0	X	X	X	X
Alcohol ethoxylates	68131-39-5	-	-	-	-
Opacifier	TS*	-	-	-	-

**CERCLA/ SARA**

Ingredient(s)	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Hydrochloric acid	7647-01-0	10 - 30%	5000	5000	X

Component	CAA HAP	CAA ODS	CWA Priority Pollutants
Hydrochloric acid 7647-01-0 ( 10 - 30% )	X		

**16. OTHER INFORMATION**

HMIS	Health	3	Fire Hazard	0	Reactivity	1
NFPA	Health	3	Flammability	0	Instability	1

---

<b>Reason for revision:</b>	Not applicable
<b>Prepared by:</b>	NAPRAC
<b>Additional advice:</b>	None

*Notice to Reader: This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained within. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.*