

**SAFETY DATA SHEET**  
**TOILET BOWL CLEANER**  
Issue Number 1, Issue Date 2024.04.15

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING**

Product Name:	Toilet Bowl Cleaner
Manufacturer:	CHEM CLEAN LTD
Address:	#58-60 Century Drive Trincity Industrial Estate, Macoya Trinidad and Tobago Tel: (868)-223-2436 Website: <a href="http://www.chemclean.solutions">www.chemclean.solutions</a>
Restriction on use:	Not to be used with strong alkalis and oxidising agents. For specific intended use guidance, please refer to the information provided on the package.

**2. HAZARDS IDENTIFICATION**

**GHS Classification**

Corrosive to metals	Category 1
Skin corrosion	Category 1B
Serious eye damage:	Category 1

**GHS Label element**

Hazard pictograms:



Signal Word:	Danger
Hazard Statements:	H290: May be corrosive to metals. H302: Harmful if swallowed. H314: Causes severe burns and eye damage.
Precautionary Statements:	P102: Keep out of reach of children. P103: Read label before use.
Prevention Precautionary Statements:	P233: Keep container tightly closed.

P262: Do not get in eyes, on skin, or on clothing.  
 P264: Wash hands thoroughly after handling.  
 P280: Wear protective gloves/protective clothing/eye protection.  
 P260: Do not breathe dust/fumes/gas/mist/vapours/spray.

Response Precautionary Statements:

P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.

P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

Storage Precautionary Statements:

P404: Store in a closed container.

P403+233: Store in a well ventilated place. Keep container tightly closed.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS No.	CHEMICAL NAME	CONCENTRATION (%)
7647-01-0	Hydrochloric Acid	1 - 10

Any concentration shown as a range is to protect confidentiality.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

#### 4. FIRST AID MEASURES

General Advice	<ul style="list-style-type: none"> <li>◆ In the case of accident or if you feel unwell, seek medical advice immediately.</li> </ul>
Skin Contact	<ul style="list-style-type: none"> <li>◆ Immediately remove contaminated clothing and wash before reuse.</li> <li>◆ Immediately flush skin with plenty of cool running water for at least 15 minutes.</li> <li>◆ Immediate Medical Attention is required if irritation persists or burns develop.</li> </ul>
Eye Contact	<ul style="list-style-type: none"> <li>◆ In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.</li> <li>◆ Keep eyes wide open while rinsing.</li> <li>◆ Immediate medical attention is required.</li> </ul>
Inhalation	<ul style="list-style-type: none"> <li>◆ If affected, move to fresh air.</li> <li>◆ If breathing is difficult, give oxygen.</li> </ul>
Ingestion	<ul style="list-style-type: none"> <li>◆ If swallowed, immediately drink a large quantity of raw egg, milk or milk of magnesia then drink 3-4 glasses of water.</li> <li>◆ Do not induce vomiting.</li> <li>◆ Do not give Carbonates or Bicarbonates.</li> <li>◆ Rinse mouth thoroughly.</li> <li>◆ Never give anything by mouth to an unconscious person.</li> <li>◆ Immediate medical attention is required.</li> </ul>
Aggravated Medical Conditions	<ul style="list-style-type: none"> <li>◆ Respiratory (if mists or vapors inhaled)</li> </ul>

#### 5. FIRE-FIGHTING MEASURES

Flash Point	<ul style="list-style-type: none"> <li>◆ N/A</li> </ul>
Suitable Extinguishing Media	<ul style="list-style-type: none"> <li>◆ Water – spray</li> <li>◆ As appropriate for surrounding fire</li> </ul>
Extinguishing media which must not be used for safety reasons	<ul style="list-style-type: none"> <li>◆ N/A</li> </ul>
Specific Hazards	<ul style="list-style-type: none"> <li>◆ Cool exposed containers with water spray to prevent pressure build-up</li> <li>◆ Toxic Hydrogen Chloride fumes may be released in a fire</li> <li>◆ Must wear NIOSH approved self-contained breathing apparatus and protective clothing</li> <li>◆ Avoid exposure to mists and splashes</li> </ul>

Special exposure hazards arising from the substance, or preparation itself, its combustion products or released gases	<ul style="list-style-type: none"> <li>◆ Can react with soft metals such as Aluminum or Zinc generating hydrogen gas which is flammable and/or combustible in the presence of an ignition source</li> </ul>
Special Protective Equipment for fire-fighters	<ul style="list-style-type: none"> <li>◆ As in any fire, wear NIOSH approved self-contained breathing apparatus and full protective gear</li> </ul>
Specific Methods	<ul style="list-style-type: none"> <li>◆ Cool containers / Tanks with water spray</li> <li>◆ Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations</li> </ul>

## 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	<ul style="list-style-type: none"> <li>◆ Do not inhale mist, do not get in eyes or skin, do not swallow.</li> <li>◆ Use personal protective equipment.</li> </ul>
Environmental Precautions	<ul style="list-style-type: none"> <li>◆ Discharge in accordance with Government Regulations.</li> </ul>
Methods for cleaning up	<ul style="list-style-type: none"> <li>◆ Small spills: Wash down with large quantities of water in sanitary sewer.</li> <li>◆ Large spills: Dike to prevent runoff. Reclaim as much as possible. Absorb remainder with inert material (sand or vermiculite) and place in compatible container for disposal.</li> </ul>

## 7. HANDLING AND STORAGE

### Handling

Technical Measures/Precautions	<ul style="list-style-type: none"> <li>◆ Avoid contact with skin, eyes .</li> <li>◆ Do not inhale mist.</li> </ul>
Safe Handling Advice	<ul style="list-style-type: none"> <li>◆ Avoid contact with skin, eyes.</li> <li>◆ Wash hands immediately after contact to avoid hand-eye transfer.</li> <li>◆ Do not inhale vapor or fumes.</li> </ul>

### Storage

Technical Measures/Precautions	<ul style="list-style-type: none"> <li>◆ Keep containers tightly closed in a cool, dry area.</li> <li>◆ Store in properly labeled containers.</li> <li>◆ Do not reuse empty containers – they may retain product fumes-handle with caution.</li> </ul>
Incompatible Products	<ul style="list-style-type: none"> <li>◆ None determined.</li> </ul>
Specific use(s)	<ul style="list-style-type: none"> <li>◆ Toilet Bowl Cleaner</li> </ul>

## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Engineering Measures	<ul style="list-style-type: none"> <li>◆ Ventilation not normally required.</li> </ul>
<b>Personal Protective Equipment</b>	
Hand Protection	<ul style="list-style-type: none"> <li>◆ Rubber gloves</li> </ul>

Eye Protection	<ul style="list-style-type: none"> <li>◆ Tightly fitting chemical splash goggles if required</li> <li>◆ Safety eyebath nearby</li> </ul>
Respiratory Protection	◆ None normally required
Skin and Body Protection	◆ Use chemical protective clothing for repeated or prolonged contact
Hygiene Measures	◆ Wear suitable gloves and eye/face protection
<u>Environmental Exposure Controls</u>	◆ Do not inhale mist, do not get into eyes or on skin, do not swallow

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### General Information

Physical State	Liquid
Color	Blue
Odor	Mint
Molecular Wt.	N/A
pH (1% solution)	2.5 – 4.5
Boiling pt	N/A
Specific gravity	1.05-1.10
Viscosity (CSTS)	Not specified
Solubility in water	100%
Vapor Pressure	N/A
Vapor Density (AIR=1)	N/A
Evaporation Rate (WATER:1)	N/A
Freezing Point	N/A
Volatile Organic Compounds	N/A

## 10. STABILITY AND REACTIVITY

Stability	◆ Stable under normal conditions
Conditions to avoid	◆ High Temperatures
Materials to avoid	<ul style="list-style-type: none"> <li>◆ Alkaline Materials</li> <li>◆ Strong Oxidizers</li> <li>◆ Metals</li> </ul>
Hazardous Decomposition Products	<ul style="list-style-type: none"> <li>◆ Chlorine gas released by mixing with strong oxidizers</li> <li>◆ Hydrogen gas produced by reaction with most metals</li> </ul>
Polymerization	◆ Will not occur

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

### Component Information

### Product Information

LD50/oral/rat	
<u>Local effects</u>	
Skin irritation	May cause irritation; possibility of chemical burns
Eye irritation	Vapors may be irritating

Sensitization	Skin sensitizer
<u>Specific effects</u>	Can cause severe swelling and tissue damage to mouth, throat and stomach, if ingested
Carcinogenic Effects	None
Mutagenic Effects	Not determined
Reproductive toxicity	Not determined
Target Organ Effects	Tissue damage to mouth, throat and oesophagus

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity effects

### Component Information

CAS	Chemical Name	% Weight
N/A	N/A	N/A

### Product information

Aquatic Toxicity: Do not discharge into lakes, streams, ponds or public waterways unless in accordance with Government Regulations.

### Other Information

## 13. DISPOSAL CONSIDERATIONS

Waste from residues/Unused products	Trained and properly equipped personnel may dilute and neutralize waste very carefully with dilute alkali. Do not discharge into lakes, streams, ponds or public waterways unless in accordance with Government Regulations.
Contaminated Packaging	Empty containers should be taken for recycling, recovery or waste disposal.

## 14. TRANSPORT INFORMATION

### Domestic (Land, D.O.T.)

UN Number: 3264  
 UN Proper Shipping Name: CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Hydrochloric Acid)  
 Hazard label: 8  
 Packing Group: II

### International (IMDG, I.M.O.)

UN Number: 3264  
 UN Proper Shipping Name: CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Hydrochloric Acid)  
 Transport Hazard Class: 8  
 Packing Group: II  
 Marine pollutant: No  
 Limited Quantities: 1L  
 Packing Instructions: P001  
 IBC Instructions: IBC02

EmS: F-A, S-B  
Stowage and segregation: Category B



Air transport (IATA)

UN Number: 3264  
UN Proper Shipping Name: CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.  
(Hydrochloric Acid)  
Hazard Class: 8  
Packaging Group: II  
Limited Quantities: 0.5L

## 15. REGULATORY INFORMATION

OSHA: This product is classified as corrosive by definition of Hazard Communication Standard (29 CFR 1910.1200)

## 16. OTHER INFORMATION

Other                      The information in the Safety Data Sheet should be provided to all who will use, handle, store, transport or otherwise be exposed to this product. The information above is believed to be accurate and represents the best information currently available to us. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**