Section 1. Chemical Product and Company Identification

Product name: SUPERBOWL
Product use: Toilet Bowl Cleaner.
Product code: 2309
Date of issue: 05/02/11  Supersedes 05/15/08

Emergency Telephone Numbers
For MSDS Information:
Technical Services Group
Telephone (780) 453-8100
(Business Hours 8:00am - 5:00pm)

For Medical or Transportation Emergency
CANUTEC (24 Hours)
(613) 996-6666 - Call Collect

Prepared By
Technical Services Group
11627 178th Street
Edmonton, Alberta T5S 1N6

Section 2. Hazards Identification

Emergency overview
CAUTION

CAUSES EYE AND SKIN BURNS.
Avoid breathing vapor or mist. Do not ingest. Do not get on skin or clothing. Avoid contact with eyes.

NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse effects are lessened by following all prescribed safety precautions, including the use of proper personal protective equipment.

Acute Effects

**Eye Contact**
Severely corrosive to the eyes. Causes severe burns. Direct contact with the eyes can cause irreversible damage, including blindness.

**Skin Contact**
Severely corrosive to the skin. Causes severe burns. Skin contact can produce inflammation and blistering.

**Inhalation**
Inhalation of the spray or mist may produce severe irritation of respiratory tract, characterized by coughing, choking or shortness of breath.

**Ingestion**
May cause burns to mouth, throat and stomach.

Chronic effects
Repeated or prolonged exposure to spray or mist may produce respiratory tract irritation leading to frequent attacks of bronchial infection. Repeated or prolonged exposure to acid fumes may cause minor teeth erosion. Nasal ulceration, bronchial irritation, frequent attacks of bronchial pneumonia an egastrointestinal disturbances have also been reported. Repeated or prolonged contact with spray or mist may produce chronic eye irritation and severe skin irritation.

Additional Information: See Toxicological Information (Section 11)

Section 3. Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Name of Hazardous Ingredients</th>
<th>CAS number</th>
<th>% by Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>HYDROCHLORIC ACID; muriatic acid; hydrogen chloride; HCl</td>
<td>7647-01-0</td>
<td>10 - 30</td>
</tr>
<tr>
<td>OCTYLPHENOXYPOLYETHOXYETHANOL</td>
<td>9036-19-5</td>
<td>1 - 5</td>
</tr>
<tr>
<td>METHYL SALICYLATE; 2-carbomethoxyphenol; oil of wintergreen; sweet birch oil</td>
<td>119-36-8</td>
<td>0.1 - 1</td>
</tr>
</tbody>
</table>

Section 4. First Aid Measures

**Eye Contact**
Get medical attention immediately. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician.

**Skin Contact**
Wash contaminated skin with soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing or wear gloves. Continue to rinse for at least 10 minutes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention if irritation develops.

**Inhalation**
Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Get medical attention immediately.
Section 5. Fire Fighting Measures

Flash Point Not available.
Flammable Limits Not available.
Flammability Non-combustible.
Auto-ignition Temperature

Fire-Fighting Procedures Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Use an extinguishing agent suitable for the surrounding fire. Do not release runoff from fire to drains or watercourses.

Fire hazard In a fire or if heated, a pressure increase will occur and the container may burst.

Products of Combustion Hydrogen chloride (HCl), Chlorine. gas, Phosgene gas. hydrogen fluoride

Explosion hazard Not available.

Section 6. Accidental Release Measures

Spill Clean up Put on appropriate personal protective equipment (see section 8). Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Section 7. Handling and Storage

Handling Put on appropriate personal protective equipment (see section 8). Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Do not use with other products. Do not reuse container. Wash thoroughly after handling.

Storage Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Store between the following temperatures: 40°F - 120°F (4.4°C - 49°C). Separate from alkalis. Keep away from oxidizing agents. Keep container tightly closed and sealed until ready for use. Keep out of the reach of children.

Section 8. Exposure Controls/Personal Protection

Product name Hydrochloric Acid

Exposure limits ACGIH TLV/OSHA PEL (United States).

CEIL: 5 ppm 8 hour(s).

OSHA PEL (United States).

CEIL: 7 mg/m³ 8 hour(s).

Personal Protective Equipment (PPE)

Eyes Recommended: Splash goggles.

Hands and Body Recommended: Chemical-resistant gloves. Boots, Chemical resistant. Synthetic apron.

Respiratory Recommended: Use with adequate ventilation. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Wear appropriate respirator when ventilation is inadequate. Approved/certified respirator with organic vapor cartridge. Approved/certified respirator with acid gas cartridge.

Section 9. Physical and Chemical Properties

Physical State Thin liquid

pH < 1.0

Boiling Point 95°C (203°F)

Specific Gravity 1.117

Solubility Easily soluble in the following materials: cold water and hot water.

Freezing Point

Color Yellowish. Green.

Odor Minty. Acidic.

Vapor Pressure Not available.

Vapor Density >1

Evaporation Rate Not available.

VOC (Consumer) Not available.
**Section 10. Stability and Reactivity**

**Stability and Reactivity**
The product is stable.

**Incompatibility**
Reactive or incompatible with the following materials: chlorine-based bleaching agents, oxidizing materials and alkalis.

**Hazardous Polymerization**
Will not occur.

**Hazardous Decomposition Products**
Under normal conditions of storage and use, hazardous decomposition products should not be produced.

---

**Section 11. Toxicological Information**

**Carcinogenicity**
Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

**Acute Toxicity**

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Dose</th>
<th>Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrochloric Acid</td>
<td>LC50 Inhalation Vapor</td>
<td>Rat</td>
<td>3124 ppm</td>
<td>1 hours</td>
</tr>
<tr>
<td></td>
<td>LD50 Oral</td>
<td>Rabbit</td>
<td>900 mg/kg</td>
<td>-</td>
</tr>
</tbody>
</table>

**Section 12. Ecological Information**

**Environmental Effects**
No known significant effects or critical hazards.

**Aquatic Ecotoxicity**
Not available.

---

**Section 13. Disposal Considerations**

**Waste Information**
Waste must be disposed of in accordance with applicable regulations. Consult your local or regional authorities for additional information.

**Waste Stream**

---

**Section 14. Transport Information**

<table>
<thead>
<tr>
<th>Regulatory information</th>
<th>UN number</th>
<th>Proper shipping name</th>
<th>Classes</th>
<th>PG*</th>
<th>Label</th>
<th>Additional information</th>
</tr>
</thead>
<tbody>
<tr>
<td>TDG Classification</td>
<td>1760</td>
<td>CORROSIVE LIQUID, N.O.S. (Hydrochloric Acid)</td>
<td>8</td>
<td>II</td>
<td>☢️</td>
<td>Explosive Limit and Limited Quantity Index 1</td>
</tr>
<tr>
<td>IMDG Class</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**NOTE:** DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment. Limited Quantity: Small quantities of controlled goods are not regulated as Dangerous Goods according to TDG regulations.

**PG**: Packing group

---

**Section 15. Regulatory Information**

**Canada**

**WHMIS (Canada)**
Not controlled under WHMIS (Canada). Regulated under other Act

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

---

**Section 16. Other Information**

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.