**SECTION I  ► PRODUCT IDENTIFICATION**

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Product Type</th>
<th>WHMIS Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Strate Flush</td>
<td>Emulsion Bowl Cleaner and Deodorizer</td>
<td>E, DIB</td>
</tr>
</tbody>
</table>

**SECTION II  ► HAZARDOUS INGREDIENTS**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Cas Registry No.</th>
<th>% Toxicity</th>
<th>Toxicity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrochloric Acid</td>
<td>7647-01-0</td>
<td>15-40</td>
<td>LC₅₀ (RAT) 3124 ppm</td>
</tr>
</tbody>
</table>

**SECTION III  ► PHYSICAL DATA**

<table>
<thead>
<tr>
<th>Appearance</th>
<th>Odour</th>
<th>pH</th>
<th>Boiling Point</th>
<th>Specific Gravity</th>
<th>Solubility in Water</th>
</tr>
</thead>
<tbody>
<tr>
<td>White opaque liquid</td>
<td>Pungent</td>
<td>&lt;1.0</td>
<td>100 °C</td>
<td>1.1</td>
<td>100 %</td>
</tr>
</tbody>
</table>

**SECTION IV  ► FIRE AND EXPLOSION HAZARD DATA**

- **Flash Point (°C):** None
- **Extinguising media:** Not Applicable
- **Special fire fighting procedures:** Avoid direct use of water which can generate heat and cause splattering.
- **Unusual fire and explosion hazards:** Not Applicable

**SECTION V  ► TOXICOLOGICAL PROPERTIES**

- **HAZARD RATING:** Health = 3  Flammability = 0  Reactivity = 3
- **Swallowing:** Harmful or fatal if swallowed. Very corrosive to digestive tract, teeth, etc.
- **Inhalation:** Very corrosive to mucous membrane and lungs.
- **Skin Absorption:** Effect unknown by toxicity is expected.
- **Skin Contact:** Very corrosive; causes severe burns.
- **Eye Contact:** Very corrosive; causes severe injury.
- **Special Warning:** Avoid skin contact

**SECTION VI  ► FIRST AID MEASURES**

- **Ingestion:** Give 3-4 glasses of milk or water. Do not induce vomiting. Call a physician immediately.
- **Inhalation:** Remove to fresh air. Call a physician if symptoms persist.
- **Skin:** Flush with water for at least 15 minutes. Call a physician.
- **Eyes:** Flush with water for at least 15 minutes. Call a physician immediately.

**SECTION VII  ► REACTIVITY DATA**

- **Stable:** Yes
- **Conditions to avoid:** Do not add water directly to acid.
- **Incompatibility with other materials:** Directly added water, organic compounds, alkalies, oxidants, metals.
- **Hazardous decomposition products:** Toxic chlorine fumes.
- **Hazardous polymerization:** Will not occur.

**SECTION VIII  ► PREVENTIVE MEASURES**

- **Hand protection:** Neoprene, PVC or rubber gloves
- **Eye protection:** Goggles or safety glasses
- **Ventilation:** General
- **Respiratory protection:** Use respirator if misty conditions prevail.
- **Other protective equipment:** Neoprene, PVC or rubber apron when handling large quantities.
- **Steps to be taken in case material is released or spilled:** Ventilate area. Wear protective gear. Neutralize small spills with soda ash or lime and wash down with large quantities of water. Never add water directly to spill or an vigorous reaction and splattering may result.
- **Waste disposal method:** Flush neutralized material into waste systems in accordance with municipal, provincial and federal regulations.
- **Precautions to be taken in handling and storage:** Normal handling processes. Inside storage at 4-40 °C recommended.
- **Other precautions:** Follow label use instructions.

**SECTION IX  ► PREPARATION DATA**

- **Prepared by:** M. Mikoluk  Last updated: June 1, 2015
- **Location:** Dustbane Products Limited, 25 Pickering Place, Ottawa, Ontario, K1G 5P4 – 613-745-6861
“An acid bowl cleaner designed to clean, deodorize, and remove rust and mineral stains in one operation. Does not harm plumbing and septic systems.”

**FEATURES AND BENEFITS**

- **Hydrochloric acid based (23%)**: Quickly removes rust and mineral stains.
- **Non-ionic detergent**: Gives excellent penetration wetting and soil suspension properties.
- **Ready-to-use**: No mixing required.
- **Convenient package**: User friendly, 1 litre bottles.

**WHERE TO USE**

Quickly removes stains and mineral deposits from any porcelain surface such as urinals and toilet bowls. Will not harm plumbing or septic tank systems.

**HOW TO USE**

Wear gloves and safety glasses. Do not mix this product with any other chemicals or cleaning compound such as bowl and drain cleaner as a violent reaction or toxic fumes may result.

**Toilet bowls**: Pour into bowl and clean thoroughly using a bowl swab, paying particular attention to the flush ring. Flush and rinse bowl and bowl swab.

**Urinals**: Pour solution into urinal and brush down immediately. Clean all surfaces and water outlet. Pour around drain pipe and clean thoroughly.

**SPECIFICATIONS**

- **Appearance**: White opaque liquid
- **Fragrance**: Pungent
- **Viscosity**: As water
- **Active %**: 23.0
- **pH (conc.)**: <1.0
- **pH (1%)**: N/A
- **Solvent**: None
- **Phosphate**: None
- **WHMIS**: Yes
- **TDG**: Yes