



# Material Safety Data Sheet

## Section 1. Chemical Product and Company Identification

**Product name** GREEN LINK BOWL CLEANER  
**Product use** Toilet Cleaner.  
**Product code** P848  
**Date of issue** 10/09/15 **Supersedes** 11/01/12

### 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

Not expected to produce significant adverse health effects when the recommended instructions for use are followed.

No known significant effects or critical hazards. Avoid prolonged contact with eyes, skin and clothing.

**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

### Routes of Entry

Eyes. Dermal contact. Ingestion.

**Eyes** Corrosive to eyes on contact. Eye exposure may cause severe and permanent eye injury (blindness).

**Skin** Prolonged or repeated contact may dry skin and cause irritation.

**Inhalation** May cause irritation of respiratory tract, coughing, shortness of breath.

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

### Chronic effects

Prolonged skin contact may cause dermatitis with drying and cracking of skin.

**Additional Information:** See Toxicological Information (Section 11)

## Section 3. Composition/Information on Ingredients

### Name of Hazardous Ingredients

### CAS number

### % by Weight

|  |          |         |
|--|----------|---------|
| Carbamide Hydrochloride; Carbonyl Diamine Hydrochloride; Carbamimidic Acid Hydrochloride | 506-89-8 | 5 - 10  |
| METHYL SALICYLATE; 2-carbomethoxyphenol; oil of wintergreen; sweet birch oil             | 119-36-8 | 0.1 - 1 |

## Section 4. First Aid Measures

**Eye Contact** 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. Get medical attention immediately.

**Skin Contact** Flush affected area immediately with large amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention if irritation develops.

**Inhalation** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

**Ingestion** Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, keep head lower than hips to help prevent aspiration. Never give anything by mouth to an unconscious person. Get medical attention immediately.

**Section 5. Fire Fighting Measures**

|                                  |  |
|----------------------------------|--|
| <b>Flash Point</b>               | Not available.   |
| <b>Flammable Limits</b>          | Not available.   |
| <b>Flammability</b>              | Flammable hydrogen gas may be produced on prolonged contact with metals such as aluminum, tin, lead and zinc.  |
| <b>Auto-ignition Temperature</b> |  |
| <b>Fire-Fighting Procedures</b>  | Use an extinguishing agent suitable for the surrounding fire. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Cool closed containers exposed to fire with water. |
| <b>Fire hazard</b>               | In a fire or if heated, a pressure increase will occur and the container may burst.  |
| <b>Products of Combustion</b>    | Decomposition products may include the following materials:<br>carbon oxides<br>nitrogen oxides<br>halogenated compounds   |
| <b>Explosion hazard</b>          | Not available.   |

**Section 6. Accidental Release Measures**

|                       |  |
|-----------------------|--|
| <b>Spill Clean up</b> | 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. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements. |
|-----------------------|--|

**Section 7. Handling and Storage**

|                 |   |
|-----------------|---|
| <b>Handling</b> | Put on appropriate personal protective equipment (see section 8). Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. Use only with adequate ventilation. Apply this product only as specified on the label. Wash thoroughly after handling. Wash contaminated clothing before reusing.                      |
| <b>Storage</b>  | 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. Keep container tightly closed and sealed until ready for use. Store between the following temperatures: 40°F - 120°F (4.4°C - 49°C). Keep out of the reach of children. |

**Section 8. Exposure Controls/Personal Protection****Product name** **Exposure limits**

No exposure limit value known.

**Personal Protective Equipment (PPE)**

|                       |  |
|-----------------------|--|
| <b>Eyes</b>           | Chemical splash goggles.   |
| <b>Hands and Body</b> | Chemical-resistant gloves. Neoprene gloves. Nitrile gloves. Rubber gloves. |
| <b>Respiratory</b>    | Use with adequate ventilation.   |

**Section 9. Physical and Chemical Properties**

|                         |  |                         |                 |
|-------------------------|--|-------------------------|-----------------|
| <b>Physical State</b>   | Liquid. [Gel]  | <b>Color</b>            | Clear. Blue.    |
| <b>pH</b>               | 1  | <b>Odor</b>             | Minty. [Slight] |
| <b>Boiling Point</b>    | Not available.   | <b>Vapor Pressure</b>   | Not available.  |
| <b>Specific Gravity</b> | 1.029  | <b>Vapor Density</b>    | Not available.  |
| <b>Solubility</b>       | Easily soluble in the following materials: cold water and hot water. | <b>Evaporation Rate</b> | 1 (Water = 1)   |
| <b>Freezing Point</b>   |  | <b>VOC (Consumer)</b>   | Not available.  |

**Section 10. Stability and Reactivity**

|   |   |
|---|---|
| <b>Stability and Reactivity</b>         | The product is stable.  |
| <b>Incompatibility</b>                  | Reactive or incompatible with the following materials: oxidizing materials, organic materials, metals and alkalis.<br>Material may be extremely hazardous in contact with chlorates or nitrates. Contact with hypochlorites (e.g. chlorine bleach) sulfides, or cyanides will liberate toxic gases. |
| <b>Hazardous Polymerization</b>         | Will not occur.   |
| <b>Hazardous Decomposition Products</b> | Under normal conditions of storage and use, hazardous decomposition products should not be produced.  |

**Section 11. Toxicological Information**

**Carcinogenicity** No known significant effects or critical hazards.

**Acute Toxicity**

|                   |             |        |             |
|-------------------|-------------|--------|-------------|
| methyl salicylate | LD50 Dermal | Rabbit | >5000 mg/kg |
|                   | LD50 Oral   | Rat    | 887 mg/kg   |
|                   | LD50 Oral   | Rat    | 887 mg/kg   |

**Section 12. Ecological Information**

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

**Aquatic Ecotoxicity**


|                    |   |                      |         |          |
|--------------------|---|----------------------|---------|----------|
| urea hydrochloride | - | Acute LC50 71.1 mg/L | Daphnia | 48 hours |
|--------------------|---|----------------------|---------|----------|

**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** Not available.

**Section 14. Transport Information**

| Regulatory information    | UN number      | Proper shipping name                          | Classes        | PG* | Label   | Additional information                                 |
|---------------------------|----------------|---|----------------|-----|---|--|
| <b>TDG Classification</b> | 1760           | Corrosive liquid, n.o.s. (Urea Hydrochloride) | 8              | III |  | <b>Explosive Limit and Limited Quantity Index</b><br>5 |
| <b>IMDG Class</b>         | Not available. | Not available.                                | Not available. | -   |   | -  |

**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)**

Class E: Corrosive liquid.  
Class D-2B: Material causing other toxic effects (Toxic).

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.*