

# Material Safety Data Sheet

**Section 1 - Product and Manufacturer Identification**  
**IDENTITY:** SeaLand Toilet Bowl Cleaner      **PRODUCT USE:** Toilet Bowl Cleaner

**Product Part Number:** 3793314016 (16 oz. bottle)  
**Manufacturer's name:**

**MSDS Part Number:** 600342943  
**Emergency Telephone Number:** CHEMTREC  
 (800) 424 9300

**DOMETIC CORPORATION, SANITATION SYSTEMS**

**International:** (703) 527 3887

**Address:**

**Telephone Number for Information:** (330) 496 3211

13128 STATE ROUTE 226  
 BIG PRAIRIE, OHIO 44611

**Date Prepared:** September 2, 2005

**Prepared by:** Lisa Schott      **Reviewed by:** Carol Schowe

**Section 2 - Hazardous Ingredients/Identical Information**

HAZARDOUS COMPONENTS	CAS #	OSHA PEL	ACGIH	OTHER LIMITS
SECONDARY ALCOHOL ETHOXYLATE	84133-50-6	N/A	N/A	N/A
CITRIC ACID (Anhydrous)	77-92-9	5.00 mg/ m <sup>3</sup>	5.00 mg/ m <sup>3</sup>	N/A
TERGITOL 15-S-12 Surfactant		N/E	N/E	N/A
Secondary Alcohol Ethoxylate	84133-50-6	N/E	N/E	N/A
Polyethylene Glycol	25322-68-3	N/E	N/E	N/A
Unreacted Secondary Alcohol	126950-60-5	N/E	N/E	N/A
PINE FRAGRANCE				
Diethyl Phthalate	84-66-2	5mg/ m <sup>3</sup>	5mg/ m <sup>3</sup>	N/A
Fir Needle Oil Siberian**	8021-29-2	N/A	N/A	N/A

\*\* Flammable Material

\*Ceiling

**Section 3 - Physical/Chemical Properties**

<b>Boiling Point:</b> 212° F (100° C) Water	<b>Specific Gravity:</b> 1.018
<b>Vapor Pressure (mm Hg):</b> 30mm Hg @ 30° C	<b>Melting Point:</b> NA
<b>Vapor Density (AIR = 1):</b> 1	<b>Evaporation Rate (Butyl Acetate =1):</b> SLOWER
<b>Solubility in Water:</b> COMPLETE	<b>pH:</b> 2.53 - 2.73
<b>Appearance and Odor:</b> CREAM COLORED, OPAQUE, THICK LIQUID, PINE FRAGRANCE	

**Section 4 - Fire and Explosion Hazards**

Flash Point (Method Used)	Flammable Limits	LEL	UEL
>200° F (RTCC)	NA	NA	NA

**Extinguishing Media:** Water, dry chemical, carbon dioxide, or foam

**Special Fire Fighting Procedures:** Firefighters should wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the positive pressure mode.

**Unusual Fire and Explosion Hazards:**

This material may produce a floating fire hazard.

OSHA 174 Sept. 1985

**Section 5 - Reactivity Data**

<b>Stability:</b>	Unstable	Stable <b>X</b>	<b>Conditions to Avoid:</b> None known.
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**Incompatibility (Materials to Avoid):**

Normally unreactive. However, avoid strong bases at high temperatures, strong acids, strong oxidizing agents, and material reactive with hydroxyl compounds.

**Hazardous Decomposition or Byproducts:**

<b>Hazardous Polymerization:</b>	May Occur	Will Not Occur <b>X</b>	<b>Conditions to Avoid:</b> None known
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Section 9 - Health Hazards and Control

EMERGENCY OVERVIEW

HEALTH HAZARDS:

Ingestion may cause irritation of the mouth, throat and stomach. Skin contact may cause slight irritation. Eye contact may cause moderate to severe irritation and corneal injury. Harmful health effects are not expected from vapor generated at ambient temperature.

Route(s) of Entry:

INHALATION:

Remove person to fresh air. Administer oxygen if necessary.

SKIN CONTACT:

Remove contaminated clothing. Wash clothes before reuse. Wash affected skin area thoroughly with soap and water for at least 5 minutes. Seek medical attention if irritation occurs.

EYE CONTACT:

Rinse immediately with water. Remove contact lenses. Flush with copious amounts of water for at least 15 minutes. Seek medical attention.

INGESTION:

If swallowed, give one or two glasses of milk or water. Do not induce vomiting. Call a physician or poison control center immediately. Do not administer anything by mouth to an unconscious person.

CARCINOGENICITY:

No ingredients that comprise 0.1% or more of this product are listed as OSHA, IARC or NTP carcinogens or suspected carcinogens.

Signs and Symptoms of Exposure

Irritation of mouth and throat, abdominal discomfort, nausea, vomiting, diarrhea, irritation (itching, local redness or burns) of skin, excess redness and swelling of the conjunctiva, and tearing and burning of the eyes.

Medical Conditions Generally Aggravated by Exposure

None known.

Emergency and First Aid Procedures

Seek medical assistance for further treatment, observation and support if necessary.

Section 12 - Precautions to be Taken in Work Areas

Steps to be Taken in Case Material is Released or Spilled

Contain spills with absorbent materials such as sand or sawdust. Sweep and shovel into drums for disposal. After bulk of material has been placed in drums, neutralize the area with ammonia and mop with cold water. To avoid gelling and foaming problems, do not use water under pressure to flush away spills.

Waste Disposal Method

Dispose of in accordance with all federal, state/provincial, and local laws and regulations.

Precautions to be Taken in Handling and Storing

Do not reuse containers.

Other Precautions

Avoid contact with skin and eyes. Wear appropriate protective clothing and equipment for large spills. Surfactants in this product can cause foaming problems in biological waste water treatment plants and other high shear operations.

Section 11 - Control Measures

Respiratory Protection (Specify Type)

None expected to be needed.

Ventilation	Local Exhaust
General (mechanical) room ventilation is expected to be sufficient.	

Protective Gloves	Eye Protection
Nitrile rubber	Close fitting chemical safety goggles with face shield and safety glasses.

Other Protective Clothing or Equipment

Nitrile rubber or similar impervious apron, eye wash station, safety shower.

Work/Hygiene Practices

Avoid unnecessary contact. Wear proper protective clothing and equipment. Avoid breathing vapors. Do not allow material to come in contact with skin or eyes. Wash thoroughly after handling especially before eating, drinking or smoking.