

# MATERIAL SAFETY DATA SHEET

**SECTION I - IDENTITY AND RESPONSIBLE PARTY INFORMATION**

707090165

Responsible Party:

CLINCH ENTERPRISES

Product Name:

TUGBOAT SUPER RINSE FREE FLOOR STRIPPER

Address:

417 Burlington  
St. Holdrege, NE 68949

Date Prepared:

5-01-03

Emergency Telephone No.

1-800-652-1974

Prepared By Regulatory Affairs Department

And Other Information

**SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

Hazardous Components

Specific Chemical Identity: Common Name(s)

CAS #'s

OSHA PEL

ACGIH TLV

Other Limits

Recommended

% Optional

\*2-Butoxyethanol

111-76-2

25 ppm

25 ppm

N/A

&lt;50

Monoethanolamine

141-43-5

3 ppm

3 ppm

N/A

&lt;10

**\*THIS CHEMICAL IS SUBJECT TO THE REPORTING REQUIREMENTS FOR SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372.**

HMIS RATING - HEALTH: 2 FLAMMABILITY: 2 REACTIVITY: 0 PERSONAL PROTECTION EQPT: B

**SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS**

Boiling Point: Approx 200° F

Specific Gravity (H<sub>2</sub>O = 1): 0.990±0.01

Vapor Pressure (mm Hg): Not Established

Percent Volatile By Weight (%): &gt;95%

PH (conc.): 12.5

Evaporation Rate (H<sub>2</sub>O=1): >1

Solubility in Water: Complete

Appearance and Fragrance: Clear Liquid / Balsam Fragrance

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

Flash Point (Method Used) - N/E

Flammable Limits -

LEL - N/E

UEL - N/E

Extinguishing Media - Water, CO<sub>2</sub>, Foam or media suitable for surrounding fire.

Special Fire Fighting Procedures - Standard fire fighting procedures may be followed, including full protective gear, NIOSH approved self-contained breathing apparatus. Unusual Fire and Explosion Hazards - None Known

**SECTION V - PHYSICAL HAZARDS**

Stability

Unstable

Conditions to Avoid - None Known

Stable X

Incompatibility (Materials to Avoid) - Do not mix with other chemicals.

Hazardous Decomposition Products or By-products - Thermal decomposition on burning may produce toxic vapors or gases.

Hazardous May Occur

Conditions to Avoid - None Known

Polymerization Will not Occur X

**SECTION VI - HEALTH HAZARDS**

Route(s) of Entry:

Inhalation? X

Skin? X

Ingestion? X

Health Hazards (1. Acute and 2. Chronic) - 1. **ACUTE:** Harmful if swallowed. Eye and skin irritant. May cause permanent damage to skin or eyes.2. **CHRONIC:** None Known

Chemical Listed as Carcinogen or Potential Carcinogen

National Toxicology Program

No X

I.A.R.C.

Monographs

No X

OSHA

No X

Signs and Symptoms of Exposure - Irritation or burning sensation. Medical Conditions Generally Aggravated by Exposure - May aggravate skin disorders or respiratory ailments.

Emergency and First Aid Procedures - **EYE CONTACT:** Flush immediately with water for 15 minutes. Get medical attention. **SKIN CONTACT:** Flush with water for 15 minutes. Remove and wash contaminated clothing. **INGESTION:** Rinse mouth with water. Then drink 1-2 glasses of water. Never give anything by mouth to an unconscious person. Get immediate medical attention. **INHALATION:** Move to fresh air. Get medical attention.

**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

Steps to be Taken in Case Material is Released or Spilled - Wear appropriate protective equipment. If possible, contain spill and collect in approved container. Rinse affected area thoroughly with water. Keep product out of storm sewers or waterways. Hold for disposal.

Waste Disposal Method - Dispose of in accordance with local, state and federal regulations. If possible, triple rinse container, and recycle.

Precautions to be Taken in Handling and Storing - Avoid contact with skin or eyes. Avoid breathing vapor, spray or mist. Store in original container, in cool dry place with adequate ventilation. Keep out of reach of children. Keep container tightly closed when not in use.

Other Precautions - Use only according to label directions. If unsure about safe use, contact your supervisor immediately.

**SECTION VIII - CONTROL MEASURES**

Respiratory Protection (Specify Type) - Not expected to be necessary under normal conditions of use. Where exposure cannot be adequately controlled by general or local ventilation, use appropriate respiratory protection to prevent over exposure. An approved dust/mist respirator would be recommended.

Ventilation - Local Exhaust - As Necessary Mechanical (General) - Adequate Special - N/A Other - N/A

Protective Gloves - Water Impervious (Latex, Neoprene) Eye Protection - Chemical Resistant Goggles or Face Shield Other Protective Clothing or

Equipment - Not Required. Eye Wash Recommended. Work/Hygiene Practices - Follow OSHA mandated procedures. Never eat or smoke while working with chemicals. Good housekeeping practices apply. Wash thoroughly after handling.

**NOTICE: NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OF ANY OTHER NATURE, ARE MADE WITH RESPECT TO INFORMATION CONCERNING THE PRODUCT REFERRED TO IN THIS MATERIAL SAFETY DATA SHEET.**

N/A (Not Applicable/Not Available)

N/E (Not Established)