

PACKAGING TAPE, INCORPORATED

8101 International Drive
Wausau, WI. 54402

MATERIAL SAFETY DATA SHEET

Revision Date: 4/25/2012
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MSDS No. NYC-F1641-G2

Emergency Phones: 800-826-4405

PLEASE NOTE: This MSDS is being provided to your company for the purpose of providing current health and safety information to your management and for your employees who work with this material. Please read the information on these sheets, and then provide this information to those people at your company whose responsibility it is to comply with FEDERAL and STATE RIGHT-TO-KNOW regulations. Also make this information available to any employee who requests it. It is your obligation to comply with these regulations.

SECTION I - PRODUCT IDENTITY

PRODUCT NAME: Trusted Clean Tough Guy Low Foaming Industrial Strength Degreaser

Formula: Mixture of glycol ether, amine, builders and detergents in water

Chemical Type: As above

HMIS RATINGS

Health = 3 (Moderate)	Flammability = 0 (Minimal)
Reactivity = 0 (Minimal)	Protection = C (Goggles, Gloves & Apron)

SECTION II - HAZARDOUS INGREDIENTS

	<u>PERCENT</u>	<u>TLV</u>	<u>CARCINOGEN</u> <u>(OSHA,TP,IARC)</u>
2-(2-methoxyethoxy) ethanol CAS No. 111-77-3	1-10%	25 ppm	No
2-aminoethanol CAS No. 141-43-5	1-5%	3 ppm	No
Tetrapotassium pyrophosphate CAS No. 7320-34-5	1-10%	10 mg/m ³ (inhalable)	No

SECTION III - CHEMICAL AND PHYSICAL

Appearance: Clear Red liquid	Boiling Point: 212°F.
Odor: Fresh	Melting Point: N/A
pH: 12.5 – 13.5	Spec. Gravity (H ₂ O = 1): 1.053
Water Solubility: Complete	Vapor Pressure (mm Hg): N/A
Viscosity @ 25°C: < 25 cps (Brookfield)	VOC content: 6%

SECTION IV - FIRE AND EXPLOSION HAZARDS

Flash Point (Method): > 200° F TCC	Explosion Limits:	Upper: N/A Lower: N/A
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Extinguishing Media: Water fog, CO₂, halon system, foam

Special Firefighting Procedures and Hazards: Use self-contained breathing apparatus and body-covering protective clothing.

SECTION V - REACTIVITY INFORMATION

Stable: Unstable:

Precautions:

Incompatibility: Strong acids and materials not resistant to alkalis, active metals (zinc, aluminum, magnesium, etc.)

Hazardous Decomposition Products: Contact with active metals can release flammable hydrogen gas. If in a fire, can release CO, CO₂, and hydrocarbons.

Hazardous Polymerization: Occurs: Does Not Occur:

SECTION VI - HEALTH HAZARDS - PROTECTIVE MEASURES - FIRST AID

- Inhalation:** Breathing of mists causes respiratory irritation and can cause burns. Wear approved alkali mist respirator if exposure is likely. This is suggestion in an area of no ventilation. Remove to fresh air. Get medical attention if needed.
- Skin:** Corrosive. Can cause burns. Incidental contact will cause irritation. Flush skin with water for 15 minutes. Wear protective gloves. Get medical attention immediately.
- Eyes:** Corrosive! Will cause eye damage or irritation. Wear goggles or other eye protection. Flush immediately with water for 15 minutes. Get prompt medical attention immediately.
- Ingestion:** Corrosive. Causes irritation or possible burns in mouth and throat and a mild gastric disturbance. Rinse mouth. Drink lot of water or, preferably milk or juices. Do not induce vomiting. Get medical attention immediately.

Most likely routes of entry: Skin, Eyes.

Other Important Medical or Precautionary Information: None

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Spills and Leaks: Small spills can be flushed into normal drainage or into ground with copious amounts of water, or taken up with absorbent material. Larger spills should be contained by diking or other methods and held for collection and/or reuse, or for neutralization with alkali before collection & disposal. People should use eye and skin protection & respirator.

Storage and Handling: Check daily for any leaks from containers, vessels, pumps, and piping. Have water hoses and acid (acetic, glycolic acids etc.) convenient. Only use containers and equipment designed for acid service.

Waste Disposal: If neutralized, may be disposable in sewers if local regulations permit. Otherwise, send to licensed treatment and disposal facility. As supplied, this product is a RCRA hazardous waste.

Empty Containers: Rinse well before handling and disposal.

Other Precautions: None

SECTION VIII - REGULATORY INFORMATION

Reportable for SARA Title III, S.313 (Form R): None

The information herein has been compiled from sources believed to be reliable and is accurate to the best of our knowledge. However, Packaging Tape cannot give any guarantees regarding information from other sources, and expressly does not make any warranties, nor assumes any liability, for its use.