

SECTION 1 - IDENTIFICATION

Trade Names and Synonyms: TNT-HF **Product No.:** CHO18-HF
Supplier's Name: Lonestar Maintenance Chemicals **Emergency Phone:** 1-800-721-24448
Address: P.O. Box 209, Buna TX 77612

SECTION 2 - HAZARD IDENTIFICATION

This product is not classified as a hazardous material by the U.S. Department of Transportation.

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components (Specific Chemical Identity; Common Names)		OSHA PEL-TWA	AGGIH TLV-TWA	OTHER LIMITS	%
Potassium Hydroxide	CAS # 1310-58-3	2mg/m3	2mg/m3 Ceiling	N/A	
Ethylene Glycol Monobutyl Ether	CAS # 111-76-2	50ppm	20ppm	NE	

SECTION 4 - FIRST-AID MEASURES

Ingestion: Never give anything by mouth to an unconscious person. Do not induce vomiting. Give large quantities of water. Get medical attention immediately. **Eyes:** Immediately flush gently with a directed stream of water for at least 15 minutes holding the eyelid apart to ensure complete irrigation of the eye. Then seek medical attention. **Skin:** Flush thoroughly with cool water under shower while removing contaminated clothing. Wash clothing before re-use. **Inhalation:** Remove to fresh air. If breathing is difficult, have trained person administer oxygen. Get medical attention immediately

SECTION 5 - FIRE-FIGHTING MEASURES

Flash Point (Method Used): N/A **Flammable Limits:** N/A
LEL: N/A **UEL:** N/A
Extinguishing Media: Non-Flammable. Use water to cool containers but avoid getting into containers
Specific Fire Fighting Procedures: Product presents no unusual fire hazard and requires no special procedures
Unusual Fire and Explosion Hazards: None known

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled: If spilled, steps should be taken to contain spill. Clean area of spill immediately. Follow protective measures provided under Handling and Storage in Section 7. **Precautions to be taken in handling or storing:** For best product performance store in cool, dry area. **Other Precautions:** Keep out of the reach of children.

SECTION 7 - HANDLING AND STORAGE

Precautions to be taken in handling or storing: For best product performance store in cool, dry area.

Respiratory Protection: None **Ventilation:** N/A
Protective Gloves: N/A **Eye Protection:** Required
Work/Hygienic Practices: Clean all spills immediately. Observe personal hygiene
Other Protective Clothing or Equipment: None

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Routes of Entry: Eyes, inhalation, skin and ingestion. **Health Hazards (Acute and Chronic):** Exposure to vapor, mist or liquid can produce burns of the respiratory tract. Contact with eyes can cause severe damage including burns and blindness. The severity of the effects depend on concentration and how soon after the exposure the eyes are washed. Note that irritation to skin may follow an initial latency. Corrosive if swallowed. Will cause severe burns of mouth, throat and stomach.

Carcinogenicity: None NTP **IARC monographs** **OSHA Regulated**

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point (Method Used): <200 **Melting Point:** N/A
Specific Gravity (H₂O): 1.056 **Vapor Pressure (mmHg):** .5mm hg
Solubility in Water: Complete **Vapor Density (Air=1):** ND
Evaporation Rate (Butyl Acetate=1) ND **Appearance and Odor:** Red liquid with characteristic mild odor

SECTION 10 - STABILITY AND REACTIVITY

Stability: Stable **Conditions to Avoid:** Strong acids, water, metals
Hazardous Polymerization: Will not occur **Hazardous Decomposition or By-Products:** None
Incompatibility (Materials to Avoid): Strong acids and oxidizers

SECTION 11 - TOXICOLOGICAL INFORMATION

Human dermal exposure: Regardless of concentration, the severity of damage and extent of its irreversibility increases with length of contact time. Prolonged contact even with diluted product can cause a high degree of skin damage.

SECTION 12 - ECOLOGICAL INFORMATION

There is limited information available on the environmental fate and effects of this material. The primary environmental effects of its release is the impact of high pH on aquatic and terrestrial species. Aquatic organisms become increasingly stressed as the pH exceeds 9, with many species being intolerant. Spills would represent a burn risk for wildlife. Due care should be taken.

SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of all waste and contaminated equipment in accordance with all applicable federal, state and local health and environmental regulations.

SECTION 14 - TRANSPORTATION INFORMATION

Not regulated by D.O.T. Class 55.

SECTION 15 - REGULATORY INFORMATION

We request that you make all information in this Material Safety Data Sheet available to all employees. **SARA / TITLE III HAZARD CATEGORIES:** If the word "yes" appears next to any category, this product may be reportable by you under the requirements of 40 CFR 370. Please consult those regulations for details.

Immediate (Acute) Health	Yes	Delayed (Chronic) Health	Yes	Fire Hazard	No	Reactive Hazard	Yes	Sudden Release of Pressure	No
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HMIS Hazard Ratings: Health Hazard: 2 Fire Hazard: 0 Reactivity: 1

International Regulations: Consult the regulations of the importing country.

SECTION 16 - OTHER INFORMATION

MSDS Legend:

CAS	Chemical Abstracts Service Registry Number	OSHA	Occupational Safety and Health Administration
TLV	Threshold Limit Value (ACGIH)	Ceiling Limit	Ceiling Limit (15 Minutes)
ACGIH	American Conference of Governmental Industrial Hygienists		

The information presented herein, while not guaranteed, was prepared by competent technical personnel and is true and accurate to the best of our knowledge. While our technical personnel will be happy to respond to questions regarding safe handling and use procedures, safe handling and use remains the responsibility of the user. No suggestions for use are intended as, and nothing herein shall be construed as a recommendation to infringe any existing patents or violate any federal, state or local laws, rules, regulations or ordinances.