



UTILITY ENTERPRISES, INC.
 700 MAIN STREET, WESTBURY, NY 11590
 (516) 997-6300 - FAX # (516) 997-6345

MATERIAL SAFETY DATA SHEET

LIQUID HEAT FUEL OIL TREATMENT

FOR CHEMICAL EMERGENCY: Spill, Leak, Fire, Exposure, or Accident - Call **INFOTRAC** - Day or Night: **1-800-535-5053**
THIS MSDS COMPLIES WITH 29 CFR 1910.1200 (HAZARD COMMUNICATION STANDARD) **IMPORTANT:** Read this MSDS before handling & disposing of this product. Pass this information on to employees, customers and users of this product.

PRODUCT IDENTIFICATION

DOT Shipping name: COMBUSTIBLE LIQUID, NOS **CAS NO.:** MIXTURE
Chemical Family: HYDROCARBON **UN/NA#:** NA
DOT Hazard Class: COMBUSTIBLE LIQUID **DATE OF ISSUE:** 2/15

SECTION I - HAZARDOUS INGREDIENTS/EXPOSURE LIMITS

Hazardous Ingredients:	CAS #	TLV/PEL	AGENCY	TYPE	SARA-313(% Range)
ETHYLENE GLYCOL					
MONOBUTYL ETHER	111-76-2	25PPM	ACGIH	TWA (SKIN)	50-60
NAPHTHALENE	91-20-3	10PPM	ACGIH	TWA	

SECTION II - EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Move person away from exposure and into fresh air. If irritation or redness develops, flush eyes with clean water and seek medical attention. For direct contact hold eyelids apart for at least 15 minutes. **Seek medical attention.**
SKIN CONTACT: Remove contaminated shoes and clothing and cleanse affected areas thoroughly by washing with mild soap and water. If irritation persists **seek medical attention.**
INHALATION: (breathing) Move victim to fresh air. If victim is not breathing, administer artificial respiration. If breathing is difficult, oxygen should be administered. **Seek medical attention.**
INGESTION: (swallowing) If swallowed, **seek emergency medical attention.** Vomiting should be induced by after ingestion of large amounts of liquid. Do not give anything by mouth to an unconscious person. Do not leave patient unattended if possible.

SECTION III - HEALTH HAZARDS / ROUTES OF ENTRY

EYE CONTACT: One or more components of this material may be an eye irritant.
SKIN CONTACT: Continuous contact with this material may cause drying of skin. Chemical itself is an irritant or sensitizer.
SKIN ABSORPTION: Symptoms of toxicity are not anticipated by this route.
INHALATION: (breathing) Exposure to vapors or mists may cause irritation of the nose and throat, signs of nervous system depression, damage to the liver or kidneys.
INGESTION: (swallowing) Ingestion of large quantities may cause the following: Irritation of digestive tract, signs of nervous system depression, such as headache, drowsiness, dizziness, loss of coordination, fatigue, and nausea.

SECTION IV - SPECIAL PROTECTION INFORMATION

VENTILATION: If current ventilation practices are not adequate to maintain airborne concentrations below established exposure limits (see section I), additional ventilation or exhaust systems may be required.
RESPIRATORY PROTECTION: The use of respiratory protection is advised when concentrates exceed the established exposure limits.
PROTECTIVE GLOVES: The use of gloves impermeable to the specific material handled is advised to prevent possible irritation.
EYE PROTECTION: Approved eye protection to safeguard against potential eye contact, irritation or injury is recommended.

SECTION V - REACTIVITY DATA

STABILITY: Stable
INCOMPATIBILITY: (materials to avoid) This product is incompatible with: *Oxidizing agents, strong acids and bases*
HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition in the presence of air may yield carbon monoxide, carbon dioxide.
HAZARDOUS POLYMERIZATION: Will not occur

SECTION VI - SPILL OR LEAK PROCEDURES

PRECAUTIONS IN CASE OF LEAK OR SPILL: Keep all sources of ignition and hot metal surfaces away from spill/release. Stay upwind and away from spill/release. Isolate hazard area and limit entry to emergency crew only. Stop spill/release if it can be done without risk. Wear appropriate protective equipment including respiratory protection as conditions warrant (see Section IV). Prevent spilled material from entering sewers, storm drains, and natural waterways. Dike far ahead of spill for later recovery and disposal. Spilled material may be absorbed by an appropriate absorbent. Notify fire authorities and appropriate federal, state, and local agencies. If spill/release is excess of EPA reportable quantity, immediately notify the **National Response Center**. Phone **800-424-8802**
WASTE DISPOSAL METHOD: Dispose of product in accordance with local, county, state, and federal regulations.



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SECTION VII - STORAGE AND SPECIAL PRECAUTIONS

HANDLING AND STORAGE PRECAUTIONS: Do not get in eyes, skin or clothing. Do not breathe vapor mist or gas. Keep containers tightly closed, cool, dry, and away from all sources of ignition. Use and store this product with adequate ventilation. Avoid inhalation of vapors and personal contact with the product. Use good personal hygiene practices. Bond and ground equipment when transferring to another container. "Empty" containers contain residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, or other sources of ignition. They may explode and cause injury and death. Empty drums should be completely drained, properly bunged, and promptly shipped to the supplier or drum reconditioner. All other containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations. Before working in or on tanks that contain or have contained his product, refer to **OSHA** or **ANSI Z49.1** regulations and other governmental and industrial references pertaining to cleaning, repairing, welding, or other contemplated operations.

SECTION VIII - FIRE AND EXPLOSION HAZARD DATA

EXTINGUISHING MEDIA: Extinguish with water, dry chemical, CO₂, or a universal type foam.
FIRE AND EXPLOSION HAZARD: May decompose during contact with flames, heating elements, or in combustion engines releasing irritating gases. Container may explode if heated due to resulting pressure rise.
FIRE FIGHTING PROCEDURES: Wear appropriate protective equipment including respiratory protection as conditions warrant (see **Section IV**). Stop spill/release if it can be done without risk. Water spray may be useful in minimizing or dispersing vapors and cooling equipment exposed to heat and flame. Avoid spreading burning liquid with water used for cooling purposes.

SECTION IX - PHYSICAL DATA

APPROXIMATE BOILING POINT (DEG F): >300	PER CENT VOLATILE: 100
SPECIFIC GRAVITY (68 F): 0.896	FLASH POINT (TCC, DEG F): 140
RELATIVE EVAPORATION RATE (ESTIMATED): <1	PER CENT SOLUBILITY IN WATER: NIL
VAPOR PRESSURE @20C mmHg (CALCULATED): <1	

SECTION X - OTHER REGULATORY DATA

<u>SARA</u>	<u>HMIS</u>	
<i>SECTION 302:</i> NONE	Health:	2
<i>SECTION 311 & 312:</i> FIRE, ACUTE, CHRONIC	Flammability:	1
<i>SECTION 313:</i> See Section I.I	Reactivity:	0
<u>TSCA</u>	<u>CALIFORNIA PROPOSITION 65</u>	
All components are in full compliance with the TSCA inventory.	NOT LISTED	
<u>RCRA</u>	<u>CERCLA</u>	
Waste material would be a D001	NAPHTHALENE RQ: 100 LBS.	

CARCINOGENICITY:
 NOT LISTED with NTP or IARC.

NOTICE

The supplier disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications. All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.