



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

MATERIAL SAFETY DATA SHEET

PETRO-CIDE FUEL OIL BIOCID

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: CORROSIVE LIQUID, TOXIC, N.O.S. **CAS NO.:** MIXTURE
UN/NA#: UN2922
DOT Hazard Class: CORROSIVE LIQUID, TOXIC **DATE OF ISSUE:** 4/08

SECTION I - HAZARDOUS INGREDIENTS/EXPOSURE LIMITS

Hazardous Ingredients	CAS #	TLV/PEL	AGENCY	TYPE	SARA-313(% Range)
Aromatic hydrocarbon Solvent	64742-95-6	NOT AVAILABLE			>1
2-(Thiocyanomethylthio) benzothiazole	21564-17-0	NOT AVAILABLE			2.5
Methylene bis(thiocyanate)	6317-18-6	NOT AVAILABLE			2.5
Diethylene glycol monomethyl ether	111-77-3	NOT AVAILABLE			85

SECTION II - EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush immediately with copious amounts of tap water or normal saline (minimum of 15 minutes). Take exposed individual to a health care professional, preferably an ophthalmologist, for further evaluation.
SKIN EXPOSURE: Wash exposed area with plenty of soap and water. Repeat washing. Remove contaminated clothing and wash thoroughly before reuse. If irritation persists, consult a health care professional.
INHALATION: If exposure by inhalation is suspected, immediately move exposed individual to fresh air. If individual experiences nausea, headache, dizziness, has difficulty in breathing or is cyanotic, seek a health care professional immediately.
INGESTION: DO NOT INDUCE VOMITING. Rinse with copious amounts of water or milk, first. Irrigate the esophagus and dilute stomach contents by slowly giving one to two glasses of water or milk. Avoid giving alcohol or alcohol related products. In cases where the individual is semi-comatose, comatose or convulsing, DO NOT GIVE FLUIDS BY MOUTH. In case of intentional ingestion of the product seek medical assistance immediately; take individual to the nearest medical facility.

SECTION III - HEALTH HAZARDS / ROUTES OF ENTRY

EYE CONTACT: Very hazardous in case of eye contact (irritant, corrosive). Inflammation of the eye is characterized by redness, watering, and itching.
SKIN CONTACT: Very hazardous in case of skin contact (Sensitizer). Hazardous in case of skin contact (corrosive, irritant). Skin contact may produce burns. Skin inflammation is characterized by itching, scaling, reddening, or blistering.
INHALATION: Hazardous in case of inhalation. Effects will depend on concentration and length of time of exposure
INGESTION: Ingestion is not expected to be a primary route of exposure.

SECTION IV - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: The use of respiratory protection is required in work areas where misting may occur. A comprehensive respiratory protection program is needed when respirators must be used.
PROTECTIVE GLOVES: The use of rubber gloves are required
EYE PROTECTION: Approved eye protection to safeguard against potential eye contact, irritation or injury is required.
BODY PROTECTION: When splashing can occur, a neoprene apron or rain suit and a face shield is advisable.

SECTION V - REACTIVITY DATA

STABILITY: Do not heat above 50C as decomposition may increase packaging pressure.
INCOMPATIBILITY: (materials to avoid) This product is incompatible with: *Oxidizing agents, strong acids and bases*
HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition can produce toxic vapors of hydrogen cyanide, and sulfur dioxide. Contact with fire may generate oxides of sulfur, nitrogen and carbon.
HAZARDOUS POLYMERIZATION: Will not occur



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SECTION VI - SPILL OR LEAK PROCEDURES

PRECAUTIONS IN CASE OF LEAK OR SPILL: Important: Before responding to a spill or leak, review each section of this MSDS. Follow the recommendations given in the Special Protection Information sections. Minimize area affected by the spill or leak. Block any potential routes to water systems. Commercially available absorbents may be used to recover any material that cannot be readily recovered as pure product.

WASTE DISPOSAL METHOD: Dispose of product in accordance with local, county, state, and federal regulations.

SECTION VII - FIRE AND EXPLOSION HAZARD DATA

EXTINGUISHING MEDIA: Extinguish with water fog, carbon dioxide, dry chemical.

FIRE FIGHTING PROCEDURES: Fire fighters should wear positive pressure self-contained apparatus (SCBA) and full turnout gear.

SECTION IX - PHYSICAL DATA

APPROXIMATE BOILING POINT (DEG F): >212

PER CENT VOLATILE: 100

DENSITY: 1.03g/cm³

FLASH POINT (TCC, DEG F): 158

APPEARANCE AND ODOR: Clear amber liquid, slight odor

PER CENT SOLUBILITY IN WATER: Dispersible in cold or hot water

VAPOR PRESSURE @20C mmHg (CALCULATED): N/A

SECTION X - OTHER REGULATORY DATA

SARA

SECTION 302: NONE

SECTION 311 & 312: FIRE, IMMEDIATE HEALTH HAZARD

SECTION 313: Diethylene glycol nonomethyl ether

HMS

Health: 3

Flammability: 2

Reactivity: 1

TSCA

All components may not be listed on the TSCA Inventory.
 Registered pesticides are exempt from the requirements of TSCA.

FIFRA

This product is a registered pesticide. EPA Reg. No. 1448-102

CALIFORNIA PROPOSITION 65

NOT LISTED

RCRA

No components are listed.

CERCLA

No components are present above the de minimus level

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 manufactures 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.