

MATERIAL SAFETY DATA SHEET

(PREPARED ACCORDING TO 29 CFR 1910.1200)

NOT APPLICABLE (N/A)

EFFECTIVE DATE: 03/01/93

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: **ULTRATHERM*** CHEMICAL FAMILY: PETROLEUM HYDROCARBON
GENERIC NAME: HEAT TRANSFER OIL FORMULA: COMPLEX MIXTURE OF
SUPPLIER'S NAME: GENERAL PRODUCTS & SUPPLY, INC. PETROLEUM HYDROCARBONS
SUPPLIER'S ADDRESS: 101 TECHNOLOGY LANE PHONE NUMBER: (724) 327-7200
EXPORT, PA 15632 24 HR. EMERGENCY NUMBER: 800-255-3924
PROPER SHIPPING NAME:

* LU800 ISO 22
LU801 ISO 46
LU802 ISO 68

NFPA HAZARDOUS MATERIALS IDENTIFICATION SYSTEM		RATING
HEALTH		
FLAMMABILITY		1
REACTIVITY		1
MAX. PERSONAL PROTECTION		0

SECTION II - INGREDIENTS

CHEMICAL NAME	CARCINOGEN	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Petroleum Oil		64742-54-7				

THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICALS SUBJECT TO SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 OF 40 CFR 372:

NAME:

CAS #:

SECTION III - PHYSICAL DATA

BOILING RANGE: IBP 635°F SPECIFIC GRAVITY: 0.85
VAPOR PRESSURE: <0.1 @ 70°F VAPOR DENSITY (AIR = 1): >5
% VOLATILE: NEGLIGIBLE pH: N/A
SOLUBILITY IN WATER: NEGLIGIBLE EVAPORATION RATE (WATER = 1): <0.01
PHYSICAL DESCRIPTION: Amber colored liquid, lube oil odor.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): Cleveland open cup, 470°F typical
U.E.L.: N/A
L.E.L.: N/A
EXTINGUISHING MEDIA: Foam, dry chemical, CO₂, water, fog, or spray.
SPECIAL FIRE FIGHTING PROCEDURES: Use air-supplied breathing equipment for enclosed areas. Cool exposed containers with water spray. Avoid breathing vapors or fumes.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Do not mix or store with strong oxidants like chlorine or concentrated oxygen. Empty product containers retain product residue—do not pressurize, cut, heat, weld, or expose such containers to flame. They may explode and cause injury or death.

SECTION V - REACTIVITY DATA

STABILITY:	Stable	HAZARDOUS POLYMERIZATION:	Will not occur
INCOMPATIBILITY:	Strong oxidants such as liquid chlorine, concentrated oxygen, sodium or calcium hypochlorite.		
HAZARDOUS DECOMPOSITION:	Fumes, smoke, carbon monoxide, and sulfur oxides in case of incomplete combustion.		

SECTION VI – STORAGE & HANDLING INFORMATION

PRECAUTIONS TO TAKE IN HANDLING & STORAGE:

Keep containers closed when not in use. Do not handle or store near heat, sparks, flame, or strong oxidants.

SECTION VII – HEALTH HAZARDS AND FIRST AID

EFFECTS OF OVEREXPOSURE:

Prolonged or repeated liquid contact with skin may cause mild irritation.

PRIMARY ROUTES OF ENTRY:

SKIN: Remove any contaminated clothing. Wash skin with soap and water.

EYES: Flush with clear water for 15 minutes or until irritation subsides.

INHALATION: 5 mg/m³ for oil mist in air.

INGESTION: Call a physician immediately.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:	Normally not needed. Use air-supplied respiratory protection in confined or enclosed spaces, if needed.
VENTILATION:	Use local exhaust to capture fumes and vapors. Provide greater than 60 fpm or face velocity for confined spaces.
PROTECTIVE GLOVES:	Use chemical resistant gloves, if needed, to avoid prolonged skin contact.
OTHER PROTECTIVE EQUIPMENT:	Use chemical resistant apron or other clothing, if needed, to avoid repeated or prolonged skin contact.

SECTION IX - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Recover free liquid. Add absorbent (sand, earth, sawdust, etc.) to spill area. Minimize breathing vapors. Open all windows and doors. Keep petroleum products out of sewers and watercourses by diking or impounding. Advise authorities if product has entered, or may enter, sewers, watercourses, or extensive land areas.

WASTE DISPOSAL METHOD:

Assure conformity with applicable disposal regulations. Dispose of absorbed materials at an approved site or facility.