

**Material Safety Data Sheet
(F500)**



DATE PREPARED:10/05/10
REVISION NUMBER:001
CHEMTREC:800-424-9300
PRODUCT NUMBER:17500-F500

40 Veronica Ave. Somerset, NJ 08873
Phone Number: (973) 589-1450

SECTION I – PRODUCT IDENTIFICATION

PRODUCT NAME : FANCYLITE FUEL CELL 500 SERIES
UPC/SKU : F500, F505,F510, F515, F520, F525,F530,F535,F540, F545.

SECTION II – COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENTS	CAS NO	% By Weight
C14-C16 Paraffins	90622-46-1	85-99
White Mineral Oil	8042-47-5	1-15

SECTION III – HAZARD IDENTIFICATION

HAZARDS RATINGS:

Key: 0 = Least, 1= Slight, 2 = Moderate, 3= High, 4 = Extreme

	<u>Health</u>	<u>Flammability</u>	<u>Reactivity</u>
NFPA	1	1	0

Potential Health Effects:

EYE/OCULAR: Irritation may occur with exposure to concentrated vapors or contact.

SKIN/DERMAL: May cause skin irritation, redness, and scaling upon prolonged contact.

INHALATION: Exposure to high concentration of vapors may result in headache and stupor.

SWALLOWING/INGESTION: Lung exposure to this product either by prolonged breathing of a mist or vomiting following ingestion, can lead to serious lung injury and possibly death.

SYMPTOMS OF EXPOSURE: Symptoms may include headache, dizziness, stupor, or irritation of throat and eyes.

TARGET ORGAN EFFECTS: Repeated overexposure to the skin may cause dermatitis.

Developmental Information:

CANCER INFORMATION: Not expected to pose a carcinogenic risk to humans.

OTHER HEALTH EFFECTS: Pre-existing dermatitis may be aggravated by prolonged skin contact.

PRIMARY ROUTES OF EXPOSURE: Inhalation, ingestion, skin contact, eye contact.

Material Safety Data Sheet (F500)

SECTION IV – FIRST AID MEASURES

EYE CONTACT: Flush eyes gently with water while holding eyelids open for 15 minutes. If symptoms persist or there is any visual difficulty, seek medical attention.

SKIN CONTACT: Remove contaminated clothing. Wash exposed area with soap and water. If irritation continues, seek medical attention. Thoroughly wash contaminated clothes before re-use.

SWALLOWING: If swallowed, DO NOT induce vomiting. GET MEDICAL ATTENTION IMMEDIATELY.

INHALATION: Move individual away from exposure and into fresh air. If breathing has stopped, perform artificial respiration. GET MEDICAL ATTENTION IMMEDIATELY. Oxygen should only be administered by trained personnel.

SECTION V – FIRE AND EXPLOSION DATA

FLASH POINT: 250°F (121°C, Pensky-Martins Closed Cup)

INCOMPATIBILITY(materials to avoid):

EXPLOSIVE LIMITS: Lower Limit: 0.5% Upper Limit 7.0%

AUTO-IGNITION TEMPERATURE: 420°F (216°C)

HAZARDOUS PRODUCTS OF COMBUSTION: May form: carbon dioxide, carbon monoxide and possibly other unidentified organic compounds.

FIRE AND EXPLOSION HAZARD: None expected.

EXTINGUISHING MEDIA: Alcohol compatible foam or water spray, carbon dioxide, dry chemical

FIRE FIGHTING INSTRUCTIONS: Cool exposed equipment with water spray until well after fire is out. Use pressure demand, self-contained breathing apparatus (SCBA) if fighting fires. Individuals should perform only those fire-fighting procedures for which they have been trained.

SECTION VI – ACCIDENTAL RELEASE MEASURES

SPILL: Eliminate ignition source, and absorb liquid spill on vermiculite, floor absorbent or other similar absorbent material. Remove to containers for disposal per local, state, and federal ordinances.

LARGE SPILL: Immediately eliminate all ignition sources (open flames, smoking materials, pilot lights, electrical sparks). Remove persons not in appropriate protective gear from area. Stop spill at source. Prevent material from entering drains, sewers and waterways. Prevent spill from spreading. Dike and pump into properly labeled containers for reclamation or removal to containers for disposal per local, state, and federal ordinances. This product is not on the CERCLA Hazardous Substance List.

SECTION VII – HANDLING AND STORAGE

HANDLING: Containers should be handled in well-ventilated areas. Avoid contact with skin and eyes. Keep away from children. Keep away from combustible materials such as paper plates, napkins, etc.

STORAGE: Containers should be stored away from flame, heat or other ignition sources. Store in a cool dry place (47-120°F, 8-49°C).

Material Safety Data Sheet

(F500)

SECTION VIII – EXPOSURE CONTROLS / PERSONAL PROTECTION

VENTILATION REQUIREMENTS: Air contaminant levels should be controlled below the PEL or TLV for this product (see Exposure Guidelines below). Mechanical ventilation may be necessary if working with this product in enclosed area and at elevated temperatures.

EYE PROTECTION: Avoid eye contact with material, and wear chemical-resistant goggles.

SKIN PROTECTION: Avoid skin contact with material, and wear chemical-resistant gloves.

RESPIRATORY PROTECTION: NIOSH approved respirator for Organic vapors, self-contained breathing apparatus or air-supplied breathing apparatus depending on concentration.

EXPOSURE GUIDELINES: Manufacturer recommends the ACGIH/OSHA/NIOSH limit of 5 mg/m³ (8-hour TWA) for exposure to mists of this product. No exposure limit has been set for exposure to vapors of this product.

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Clear, oily liquid, mild hydrocarbon odor.

SOLUBILITY IN WATER: Negligible

pH : N/A

MELTING POINT RANGE: 5.0 °C

BOILING POINT RANGE : 250 °C to 260 °C

VISCOSITY: N/A

VAPOR PRESSURE: <0.05 mmHG @ 68° F (20 °C)

SPECIFIC GRAVITY: Vapor Density 0.7757 @ 60°F (16 °C, H₂O = 1): 7 - 8 (Air = 1)

SECTION X – STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION: Product does not undergo polymerization

HAZARDOUS DECOMPOSITION : May form carbon dioxide, carbon monoxide and possibly other unidentified organic compounds.

CHEMICAL STABILITY: Stable

INCOMPATIBILITY: Conditions to avoid Strong oxidizers: Excessive heat, open flames or sparks.

SECTION XI – TOXICOLOGICAL INFORMATION

EYES: Eye Irritation Index (Rabbits) 5.7 for non-washed eyes after 1 hour, 6 for washed eyes after 1 hour (Maximum score is 110).

SKIN: Acute Dermal LD₅₀ (Rabbits) > 2 g/kg. Skin Irritation Index (Rabbits) = 4.4 (Maximum score is 8.0).

INHALATION: LC₅₀ (Rats) > 5.8 mg/l (nominal) with four hour exposure.

INGESTION: Acute Oral LD₅₀ (Rat) > 5g/kg.

SECTION XII – ECOLOGICAL INFORMATION

Ecotoxicity: Not available.

Material Safety Data Sheet

(F500)

Environmental Fate: Not available.

Bioaccumulation: Not available.

SECTION XIII DISPOSAL CONSIDERATIONS

“Empty” Containers: Empty containers retain product residue and can be dangerous. Do not pressurize, cut weld, braze, solder, drill, grind, or expose such containers to heat, sparks, flame, static electricity or other sources of ignition; they may explode and cause injury or death.

Special Instruction: Contain spill if possible, and pick up using solid adsorbent. Dispose of in accordance with all applicable Federal, State, and local regulations. Note: It is the purchasers’ responsibility to dispose of properly.

SECTION XIV - TRANSPORTATION DATA

DOT DESCRIPTION: This product is not a hazardous material according to DOT regulations.

IATA: Not a dangerous good as defined by IATA for air transportation.

SECTION XV - REGULATORY INFORMATION

TSCA Inventory Listing: C14 – C16 Alkanes, CAS Number 90622-46-1.

SARA 302 Components: None

SARA 313 Components: None

State and Local Regulations

California Proposition 65: None

SECTION XVI - OTHER INFORMATION

The information on this sheet is limited to the material identified and is believe by Fancy Heat Corporation to be correct based on its knowledge and information as of the date noted. Fancy Heat Corporation makes no representation, guarantee or warrantee, expressed or implied, as to the accuracy, reliability or completeness of the information and assumes no responsibility for injury, damage or loss resulting from the use of the material.