

Material Safety Data Sheet

Abbreviations used on this Material Safety Data Sheet:

n/av. = not available n/ap. = not applicable ppm = parts per million TLV= Threshold Limit Value
 NFPA Hazard Rating: 4 = Extreme 3 = High 2 = Moderate 1 = Slight 0 = None X – blank

WHMIS HAZARD:

NFPA HAZARD RATING:

B-2, E, D-1A

HEALTH – 3, FLAMMABILITY – 3, REACTIVITY - 0

SECTION 1 – PRODUCT IDENTIFICATION AND USE

| | |
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| PRODUCT IDENTIFIER ProDiesel Pro Melt | PART NUMBER |
| PRODUCT USE De-gels diesel fuel and fuel systems. | |
| MANUFACTURER NAME Fuel Power Corporation | SUPPLIER NAME ProDiesel |
| STREET ADDRESS 4521 Saratoga Avenue | STREET ADDRESS 318 Fesslers Lane |
| CITY San Diego STATE CA | CITY Nashville, TN |
| ZIP CODE 92107 TELEPHONE NUMBER (800) 895-5804 | ZIP CODE 37210 TELEPHONE NUMBER 800-327-4373 |

SECTION 2 – HAZARDOUS INGREDIENTS

| HAZARDOUS INGREDIENTS | % | CAS NUMBER | LETHAL DOSE (50%) OF INGREDIENT (SPECIFY SPECIES AND ROUTE) | LETHAL CONCENTRATION (50%) OF INGREDIENT (SPECIFY SPECIES AND ROUTE) |
|-----------------------|---------|--------------|--|---|
| n-Propyl alcohol | 40 – 70 | 71 – 23 – 8 | 1870mg/kg (rat, oral) | N/av. |
| n-Propylamine | 40 – 70 | 107 – 10 – 8 | 570 mg/kg (rat, oral) | 2310 ppm/4hr. (rat, inhalation) |
| | | | | |

SECTION 3 – PHYSICAL DATA

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|---|---|---------------------------------------|
| PHYSICAL STATE Liquid | ODOR AND APPEARANCE Clear liquid with strong ammonia-like odor. | ODOR THRESHOLD N/av. |
| VAPOR PRESSURE N/av. | VAPOR DENSITY >2 | EVAPORATION RATE Approx. 11 |
| pH N/ap. | SPECIFIC GRAVITY .805 | BOILING POINT >50 C |
| COEFFICIENT OF MATERIAL DISTRIBUTION Soluble in water | | FREEZING POINT <0 C |

SECTION 4 – FIRE AND EXPLOSION DATA

| | | | |
|--|--|---|--|
| FLAMMABILITY IF YES, UNDER WHICH CONDITIONS? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> Vapors form explosive mixture in air when between flammability limits. Vapor is heavier than air and may collect in low areas and travel over some distance. Flash back is possible. Liquid is extremely flammable. | | | |
| MEANS OF EXTINCTION Carbon dioxide, dry chemical powder, alcohol foam. | | | |
| SPECIAL PROCEDURES Fire fighters must wear self-contained breathing apparatus and full protective gear. Use water spray to cool containers below flash point. | | | |
| FLASHPOINT AND METHOD -37 C TCC (n-propylamine) | UPPER FLAMMABILITY LIMIT 13 | LOWER FLAMMABILITY LIMIT (% BY VOLUME) 2 | |
| AUTOIGNITION TEMPERATURE 318 C (n-propylamine) | HAZARDOUS COMBUSTION PRODUCTS Oxides of carbon and nitrogen. | | |
| EXPLOSION DATA SENSITIVITY TO IMPACT Probably not sensitive to impact. | | SENSITIVITY TO STATIC DISCHARGE Yes. Can accumulate static charge by flow or agitation. Vapor can ignite. | |

SECTION 5 – REACTIVITY DATA

| | |
|--|--|
| CHEMICAL STABILITY. IF NO, UNDER WHICH CONDITIONS? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> Normally stable to heat, light, and air. Hazardous polymerization does not occur. | |
| INCOMPATIBILITY WITH OTHER SURFACES. IF YES, WHICH ONES? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> Avoid strong oxidizing agents, strong acids, mercury, halogenated hydrocarbons, and hypochlorites due to risk of violent reaction, fire, or explosion. Corrosive to copper, copper alloys, aluminum, zinc, zinc alloys and galvanized surfaces. | |
| FLAMMABILITY IF YES, UNDER WHICH CONDITIONS? Hazardous polymerization will not occur. See incompatibility above. | |
| HAZARDOUS DECOMPOSITION PRODUCTS Oxides of carbon and nitrogen. | |

PRODCUT IDENTIFIER **ProDiesel Pro Melt**

SECTION 6 – TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY SKIN CONTACT SKIN ABSORPTIONS EYE CONTACT INHALATION INGESTION

EFFECTS OF ACUTE EXPOSURE TO PRODUCT
Mild irritation of the nose, throat, respiratory tract and lungs on inhalation. High concentrations can cause headaches, drowsiness, and incoordination. May be fatal if inhaled. Brief exposure to the skin may not be irritating. Direct eye contact with the liquid can cause severe irritation. Severe exposures may cause skin or 3eye burns with permanent damage. Ingestion can cause drowsiness, gastrointestinal pain, nausea, vomiting, diarrhea, and death. Low vapor concentrations may cause transient disturbance known as “blue haze.”

EFFECTS OF CHRONIC EXOSURE TO PRODUCT
Prolonged or repeated skin contact can cause dermatitis. Potential for allergic respiratory and skin sensitization in some persons.

| EXPOSURE LIMITS | IRRITANCY OF PRODUCT | SENSITIZATION TO PRODUCT | CARCINOGENICITY |
|--|------------------------|--------------------------|---------------------------------------|
| ACGIH TLV-TWA = 200 ppm for n-propyl alcohol. | As above. | As above. | Not listed by IARC, NTP, OSHA. |
| TERATOGENICITY | REPRODUCTIVE TOXICITY | MUTAGENICITY | SYNERGISTIC PRODUCTS |
| Not identified. | Not identified. | Not identified. | Not identified. |

SECTION 7 – PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

| GLOVES (SPECIFY) | RESPIRATOR (SPECIFY) | EYE (SPECIFY) |
|--|---|---|
| Impervious gloves. Teflon is recommended. | Not normally required under adequate ventilation conditions. NIOSH recommends for concentrations up to 800 ppm, an organic cartridge respirator. | Safety glasses or goggles. Do not wear contact lenses. |
| FOOTWEAR (SPECIFY) | CLOTHING (SPECIFY) | OTHER (SPECIFY) |
| Impervious boots. | Coveralls or other protective clothing. | Eye wash station and safety shower in area |

ENGINEERING CONTROLS (SPECIFY VENTILATION, ENCLOSED PROCESS)
Use of combination of local exhaust and dilution ventilation to keep exposure below exposure limit..

LEAK AND SPILL PROCEDURE
Eliminate all sources of ignition. Wear appropriate personal protective equipment. Contain spill with dikes and absorbent materials. Collect in suitable closed container.

WASTE DISPOSAL
Follow all local, provincial, and national regulations.

HANDLING PROCEDURES AND EQUIPMENT
Ground all transfer containers to prevent static accumulation. Wear appropriate personal protective equipment.

STORAGE REQUIREMENTS
Store in a cool, dry place away from all sources of ignition and incompatible materials. Keep container tightly closed when not in use. Keep away from children.

| SPECIAL SHIPPING INFORMATION | TDG. UN NUMBER |
|---|----------------|
| Consumer Commodity exemption may apply. See TDG Regulations. | N/ap. |

SECTION 8 – FIRST AID MEASURES

SPECIFIC MEASURES
SKIN CONTACT: Remove contaminated clothing. Wash thoroughly with soap and water for 20 minutes. Launder clothing before reuse. Seek medical attention if irritation occurs.
EYE CONTACT: Immediately flush eyes with water for 20 minutes while retracting eyelids. Seek medical attention.
INGESTION: Do not induce vomiting. If victim is conscious, have them drink 300 ml of water to dilute ingested material. Never give anything by mouth to an unconscious or convulsing person. Seek medical attention immediately.
INHALATION: Remove victim to fresh air. Use artificial respiration if victim has stopped breathing. Seek immediate medical attention.

SECTION 9 – PREPARATION DATE OF MSDS

| PREPARED BY | PHONE NUMBER | DATE |
|---|---|------------------------|
| Fuel Power Marketing Corporation U.S.A. using the CCINFO database. | Fuel Power Marketing Corporation (800) 895-5804 t (800) 383-5797 f | August 10, 2012 |

DISCLAIMER

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or results to be obtained from the use thereof. Vendor assumes no responsibility for injury to vendee or third person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in the use of this material.