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General Assistance 1-314-889-9600

MATERIAL SAFETY DATA SHEET

Biodiesel

This document is subject to review and revision as of June, 2007.


Section I. Product Identification and Company Information (See Above)

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| Common Trade Name: | Biodiesel. |
| Synonyms: | Biodiesel. |
| Material Use or Occurrence: | Motor Fuels. Heating Fuels. |

Section II. Composition/Information on Ingredients

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| Chemical Family: | N/A |
| Chemical Ingredients: | N/A. |
| Reportable Quantity: | See Section XV, Regulatory Information. |

Section III. Hazards Identification

| HMIS Hazard Ratings: | | Hazardous Ingredients | | |
|----------------------|---|---|------------|--|
| Fire Hazard |  | Health | Reactivity | 4 = Extreme 3 = High 2 = Slight 1 = Least |
| | | Name | CAS No. | % By Weight |
| | | Biodiesel (typical): 67784-80-9 or 67762-26-9 100% | | |

HMIS® rating involves data interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information contained in this MSDS must be considered.

WARNING!

HARMFUL IF SWALLOWED – MAY ENTER LUNGS IF SWALLOWED OR VOMITED.

CAN DECOMPOSE AT ELEVATED TEMPERATURES.

Section IV. First Aid Measures

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| Eye Contact: | Any material that contacts the eye should be washed out with immediately with water. If easy to do, removed contact lenses. Get medical attention if symptoms persist. |
| Skin Contact: | Wash with soap and water. Get medical attention if symptoms occur. |
| Slight Inhalation: | If symptomatic, move to fresh air. Get medical attention if symptoms persist. |
| Slight Ingestion: | Call a physician or poison control center immediately. DO NOT induce vomiting. If victim is fully conscious, give a cupful of water. Never give anything by mouth to an unconscious person. If vomiting occurs, keep head lower than the hips to help prevent aspiration. |

Section V. Fire Fighting Measures

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| This Product Is: | A low fire hazard. | NFPA: 4 = Extreme 3 = High 2 = Slight 1 = Least | 1 | Flammability |
| Flash Point: | 160.6° C (Pensky-Martens closed cup) | | 1 | Health |
| Thermal Decomposition Temperature: | 352.3° C; 110.8 J/g (DSC) | | 1 | Reactivity |
| | | | | Specific Hazards |
| Basic Firefighting Procedures: | Use water spray, carbon dioxide, dry chemical, foam. Wear self-contained breathing apparatus and protective clothing. Use water spray to keep fire-exposed containers cool. | | | |
| Fire Degradation Products: | Thermal decomposition may release carbon dioxide and/or carbon monoxide. | | | |
| Unusual Fire and Explosion Hazards: | Elevated temperatures can cause decomposition. | | | |

Section VI. Accidental Release Measures

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| Spill and Leak Procedures: | <p>FOR SMALL SPILLS: Absorb spill with vermiculite or other inert material, then place in a container for chemical waste.</p> <p>FOR LARGE SPILLS: Flush area with water spray. Prevent runoff from entering drains, sewers or streams. Dike for later disposal.</p> <p>Reporting: Contact fire authorities and appropriate federal, state and local agencies. U.S. regulations require reporting releases of this material to the environment, which exceed the reportable quantity to the National Response Center at 800-424-8802.</p> |
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Section VII. Handling and Storage

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| Precautionary Measures: | Do not taste or swallow. |
| Handling: | Exercise caution if heating, especially in a closed container. Keep from contact with oxidizing materials. |
| Storage: | Keep container closed. Store in a cool place. Use caution when storing or processing material above 151° C. |

Section VIII. Exposure Controls/Personal Protection

Country specific exposure limits have not been established or are not applicable unless listed below.

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| Respiratory Protection: | If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. In the United States of America, if respirators are used, a program should be instituted to assure compliance with OSHA Standard 63 FR 1152, January 8, 1998. Respirator type: Air-purifying respirator with an appropriate, government approved (where applicable), air-purifying filter, cartridge or canister. Contact health and safety professional or manufacturer for specific information. |
| Eye Protection: | It is good industrial practice to minimize eye contact. |
| Skin Protection: | It is good industrial hygiene practice to minimize skin contact. |
| Ventilation: | Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Supplementary local exhaust ventilation, closed poorly ventilated spaces, heating evaporation of liquids from large surfaces, spraying of mists, mechanical generation of dusts, drying of solids, etc. |
| Recommended Decontamination Facilities: | Eye bath and washing facilities. |

Section IX. Physical and Chemical Properties

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| Boiling point: | > 204° C | Odor: | Oily |
| Melting or Solid Point: | Not applicable | Specific Gravity: | 0.88 (20° C) |
| Vapor Density: | N/A | Vapor Pressure: | 22.2° C; <7 mbar |
| Solubility: | Negligible (in water) | Viscosity: | 1.9-6.0 mPa.s (40° C) |
| Evaporation rate: | <.005 (n-butyl acetate =1) | Physical State and Appearance: | Gold-colored liquid. |

Section X. Stability and Reactivity

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| Stability: | Stable. Can decompose at elevated temperature. Use caution when storing or processing material above 151° C. |
| Incompatibility: | Material reacts with strong oxidizing agents. |
| Hazardous Polymerization: | Will not occur. |
| Typical Decomposition Products: | Thermal decomposition temperature: 352.3° C; 110.8 J/g (DSC) |

Section XI. Toxicological Information

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| Carcinogenicity Classification: | None. |
| No other acute toxicity data available at this time. | |

Section XII. Ecological Information

This material has not been tested for environmental effects.

Section XIII. Disposal Considerations

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| Waste Disposal: | Discharge, treatment or disposal may be subject to national, state, or local laws. Incinerate. Since emptied containers retain product residue, follow label warnings even after container is emptied. Use licensed transporter and disposal facility. |
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Section XIV. Transport Information

Important Note: Shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin and destination. Consult your company's Hazardous Materials/Dangerous Goods expert for information specific to your situation.

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| DOT (USA): | Class not regulated. |
| Sea--IMO Classification: (International Maritime Organization) | Class not regulated. |
| Air--ICAO: (International Civil Aviation Organization) | Class not regulated. |

Section XV. Regulatory Information

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| WHMIS (Canada) Status: | Noncontrolled. |
| SARA Title III (313): | None. |
| EPA/TSCA: | This product is listed on the TSCA inventory. Any impurities present in this product are exempt from listing. |
| DSL and CEPA: (Canadian Domestic Substances List, Canadian Environmental Protection Act) | This product is listed on the TSCA inventory. Any impurities present in this product are exempt from listing. |
| EINECS: (European Inventory of Existing Commercial Chemical Substances) | This product is listed on EINECS or otherwise complies with EINECS requirements. |

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| AICS/NICNAS: (Australian Inventory of Chemical Substances and National Industrial Chemicals Notification and Assessment Scheme) | This product is listed on AICS or otherwise complies with NICNAS. |
| ECL: (Korean Toxic Substances Control Act) | This product is listed on the Korean inventory or otherwise complies with the Korean Toxic Substances Control Act. |
| IECSC: (Inventory of Existing Chemical Substances in China) | All components of this product are listed on the IECSC. |
| OSHA Hazard Determination: | This material is hazardous as defined by OSHA's Hazard Communication Standard, 29 CFR 1910.1200. |

Section XVI. Other Information

Information contained herein was based on data and compiled from reference materials and other sources believed to be reliable and is offered in good faith. However, the MSDS's accuracy or completeness is not guaranteed by Apex, nor is any responsibility assumed or implied for any loss or damage resulting from inaccuracies or omissions. Conditions of use and suitability of the product for particular uses are beyond our control; all risks of use of the product are therefore assumed by the user and WE EXPRESSLY DISCLAIM ALL WARRANTIES OF EVERY KIND AND NATURE, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE IN RESPECT TO THE USE OR SUITABILITY OF THE PRODUCT. Nothing is intended as a recommendation for uses which infringe valid patents or as extending license under valid patents. Appropriate warnings and safe handling procedures should be provided to handlers and users.