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MATERIAL SAFETY DATA SHEET

FLEETLINE PATRIOT B100 BIODIESEL

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Additional copies of this MSDS can be obtained by calling 1-800-289-2875 or downloaded from our website at www.burkeoil.com

SECTION 1

PRODUCT INFORMATION

TRADE NAME (As used on label and list)

FLEETLINE PATRIOT B100 BIODIESEL

CHEMICAL NAME/SYNONYMS
BIODIESEL

CHEMICAL FAMILY CAS NUMBER

PRODUCT CODE

B100, FLE 7781, FLE 7782

PREPARATION DATE

JUNE 15, 2002

24-HOUR EMERGENCY ASSISTANCE

CHEMTREC 1-800-424-9300

In case of an accident involving hazardous materials, the Chemical Transportation Emergency Center (CHEMTREC) which is a voluntary program of the Chemical Manufacturer's Association (CMA) operates a 24-hour nationwide telephone number which can be contacted for assistance.

NATIONAL EMERGENCY RESPONSE CENTER 1-800-424-8802

MASSACHUSETTS POISON INFORMATION CENTER (617) 232-2020

GENERAL ASSISTANCE

DENNIS K. BURKE, INC. 1-800-289-2875

SECTION 2

HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

DOES PRODUCT CONTAIN

HAZARDOUS INGREDIENTS? NO

DOES PRODUCT CONTAIN CARCINOGENS

(NTP, IARC, or OSHA)? NO

CHEMICAL/Common Name CAS Number Percent OSHA-PEL ACGIH-TLV

Biodiesel B100 - 100 - -

This product does not contain toxic chemicals subject to the reporting requirements of SARA Title III, Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372).

SECTION 3

PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT > 400°F

VAPOR PRESSURE (mm Hg) < 1.0

VAPOR DENSITY (AIR = 1) NDA

SPECIFIC GRAVITY (WATER = 1) 0.86

MELTING POINT NDA

EVAPORATION RATE

(n-BUTYL ACETATE = 1) NDA

SOLUBILITY IN WATER Negligible

APPEARANCE AND ODOR - Yellow liquid with light cooking oil odor.

SECTION 4

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used) PMCC = > 300°F

FLAMMABLE LIMITS LEL = NDA UEL = NDA

EXTINGUISHING MEDIA - Dry chemical, CO2, Foam and Water Fog.

SPECIAL FIRE FIGHTING PROCEDURES - Use a water spray to cool fire-exposed containers, structures and to protect personnel.

If leak or spill has not ignited, ventilate area to protect personnel attempting to stop leak. Use water to flush spills away from sources of ignition.

(• continued on page 2)

NA = NOT APPLICABLE NDA = NO DATA AVAILABLE

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS)

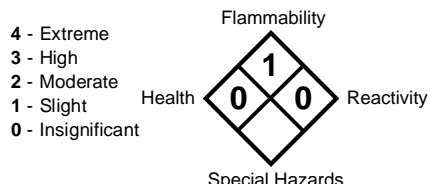
HEALTH 0

FLAMMABILITY 1

REACTIVITY 0

PROTECTION 0

NFPA FIRE HAZARD SYMBOL *



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SARA TITLE III INFORMATION

ACUTE HAZARD (Immediate Health) NO

CHRONIC HAZARD (Delayed Health) NO

FIRE HAZARD YES

SUDDEN PRESSURE RELEASE HAZARD NO

REACTIVITY HAZARD NO

DOT REQUIREMENTS

DOT PROPER SHIPPING NAME
NONE

DOT HAZARD CLASS
NONE

DOT LABELS REQUIRED
NONE

DOT PLACARDS REQUIRED
NONE

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FLEETLINE PATRIOT B100 BIODIESEL

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SPECIAL FIRE FIGHTING PROCEDURES

(• continued from page 1)

Do not flush down public sewers or other drainage systems. Exposed firefighters must wear NIOSH/MSHA approved, self-contained, breathing apparatus with full face mask and protective clothing. Do not use a forced water stream directly on flames, as this will scatter the fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS – Dangerous when exposed to heat or flame. Runoff to sewer may cause fire or explosion hazard. Containers may explode in heat of fire.

SECTION 5

REACTIVITY DATA

STABILITY STABLE

CONDITIONS TO AVOID FOR STABILITY -- Avoid heat, sparks and open flames.

INCOMPATIBILITY (Materials To Avoid) – This product may react with strong base to produce methanol.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS – This product does not decompose up to 350°F.

HAZARDOUS POLYMERIZATION NONE

CONDITIONS TO AVOID HAZARDOUS POLYMERIZATION . . . NA

SECTION 6

HEALTH HAZARD DATA

ROUTE(S) OF ENTRY – Inhalation, absorption and ingestion if hygienic practices are not observed.

HEALTH HAZARDS (Acute And Chronic)

EYE CONTACT – May produce a mild but transient irritation.

SKIN CONTACT – Very mild to no irritation expected.

DERMAL TOXICITY – Non-toxic to internal organs.

INHALATION OF PRODUCT – No harmful effects expected with normal use.

INHALATION OF EXHAUSE – No harmful effects expected with normal use.

INGESTION – May cause gastrointestinal irritation.

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT – Flush immediately with fresh water. Remove contact lenses if worn. Eyelids should be held away from the eyeball to ensure thorough rinsing. Get medical attention if irritation persists.

SKIN CONTACT – Remove contaminated clothes. Wash skin thoroughly with soap and water. Get medical attention if irritation persists.

INHALATION – Remove to fresh air.

INGESTION – If swallowed, do not induce vomiting. Get medical attention. Never give anything by mouth to an unconscious person.

NOTES TO PHYSICIAN – NDA

SECTION 7

PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED – Shut off ignition sources; no flares, smoking or flames in hazard area. Stop leak if you can do it without risk. Keep unnecessary people away; isolate hazard area and deny entry. Isolate for half mile in all directions if tank truck, or tank is involved in fire. Water spray may reduce vapor but may not prevent ignition in closed spaces.

Although this product is not considered to be a water pollutant, releases of this product should be prevented from contaminating soil and water, and from entering drainage and sewer systems. Contain liquid to prevent further contamination of soil, surface water or groundwater.

Soak up small spills using absorbent material such as paper, rags, or sawdust and place into containers for later disposal. Dispose of any grease or oily material.

WASTE DISPOSAL METHODS – Place contaminated materials in disposal containers and dispose of in a manner consistent with applicable regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE – Store in tightly closed containers in cool, dry, isolated, well-ventilated area away from heat, sources of ignition and incompatibles. Material may be at elevated temperatures and/or pressures.

EMPTY CONTAINERS – Empty containers contain flammable residue. Do not cut, weld, reuse or dispose of containers unless precautions are taken against these hazards.

SECTION 8

CONTROL MEASURES

RESPIRATORY PROTECTION – NIOSH/MSHA approved self-contained breathing apparatus or supplied-air mask must be available for non-routine and emergency use. Ventilation may be used to control or reduce airborne concentrations.

VENTILATION

LOCAL EXHAUST YES

MECHANICAL (General) ACCEPTABLE

SPECIAL or OTHER NA

SKIN PROTECTION – Wear nitrile gloves and protective clothing to prevent skin contact.

EYE PROTECTION – Wear safety glasses or chemical goggles to prevent eye contact. Have eye washing facility readily available where eye contact can occur.

WORK PRACTICES – Do not use or store near flame, sparks or hot surfaces. Keep container closed. Do not weld, heat or drill container. Do not use pressure to empty drum or explosion may result.

HYGIENIC PRACTICES – Launder soiled clothing. Wash thoroughly with soap and water after handling.

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