



## DENNIS K. BURKE INC.

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 obtained by calling 1-800-289-2875 or  
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 www.burkeoil.com

# MATERIAL SAFETY DATA SHEET

## FLEETLINE RBOB GASOLINE WITH 10% ETHANOL

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### SECTION 1

#### PRODUCT INFORMATION

TRADE NAME (As used on label and list)

**FLEETLINE RBOB GASOLINE  
WITH 10% ETHANOL**

CHEMICAL NAME/SYNONYMS

**AUTOMOTIVE GASOLINE,  
UNLEADED, E10**

CHEMICAL FAMILY

**NATURAL  
GASOLINE**

CAS NUMBER

**MIXTURE**

PRODUCT CODE

**UL**

PREPARATION DATE

**OCTOBER 15, 2009**

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 1-800-682-9211**

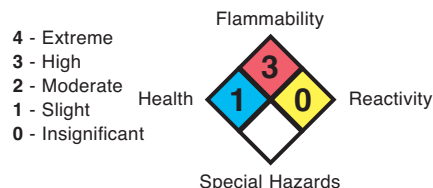
GENERAL ASSISTANCE

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

#### HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS)

HEALTH ..... 1  
 FLAMMABILITY ..... 3  
 REACTIVITY ..... 0  
 PROTECTION ..... 0

#### NFPA FIRE HAZARD SYMBOL\*



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### SECTION 2

#### HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

DOES PRODUCT CONTAIN

HAZARDOUS INGREDIENTS? ... YES

DOES PRODUCT CONTAIN CARCINOGENS

(NTP, IARC, or OSHA)? ..... YES

CHEMICAL NAME/ INGREDIENTS	CAS NUMBER	PERCENT	OSHA-PEL (ppm)		ACGIH-TLV (ppm)	
			TWA	STEL	TWA	STEL
Gasoline	8006-61-9	90	300	500	300	500
Contains a variety of aromatic and aliphatic hydrocarbons including:						
Benzene	71-43-2	0.6-1.1	10	25	0.5	2.5
n-Hexane	110-54-3	5-28	500	None	50	None
Toluene	108-88-3	Not Available	200	300	50	None
Xylenes	1330-20-7	20-33	100	None	100	150
Also contains:						
Ethanol	64-17-5	10	1,000	None	1,000	None

This product contains chemicals in sufficient quantity to be subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR 372.

### SECTION 3

#### PHYSICAL/CHEMICAL CHARACTERISTICS

**BOILING POINT** ... 27 to 220°C (81 to 428°F)

**VAPOR PRESSURE (mm Hg at 20°C)** ... 150 to 500

**VAPOR DENSITY (AIR = 1)** ... 2.5 to 4

**SPECIFIC GRAVITY** ... 0.73 to 0.75 at 15°C (60°F)

**FREEZING POINT** ... < -80°C (-112°F)

**EVAPORATION RATE**

(n-BUTYL ACETATE = 1) ... Rapid. ~4

**COEFFICIENT OF** ... Not Available

**OIL/WATER** ... Expected to be > 1

**APPEARANCE AND ODOR** - Clear liquid with a gasoline odor.

### SECTION 4

#### FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT (Method Used)** ... CC = -43°C (-45°F)

**AUTO IGNITION** ... 257°C (495°F)

**FLAMMABLE LIMITS** ... LEL = 1.4% UEL = 7.6%

**EXTINGUISHING MEDIA** - Dry Chemical, Carbon Dioxide or Foam.

**SPECIAL FIRE FIGHTING PROCEDURES** - Vapor is heavier than air and will spread along the ground and collect in low or confined areas (sewers, basements, etc.). Also travels to source of ignition and flashes back. Containers may explode when heated. Use a water fog to cool fire-exposed containers, structures, and to protect personnel.

(● continued on page 2)

# MATERIAL SAFETY DATA SHEET

DENNIS K. BURKE, INC.

## FLEETLINE RBOB GASOLINE WITH 10% ETHANOL

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### SPECIAL FIRE FIGHTING PROCEDURES

(● continued from page 1)

Do not flush down public sewers or other drainage systems.

**UNUSUAL FIRE AND EXPLOSION HAZARDS** – Irritating or toxic substances may be emitted upon thermal decomposition. Containers may explode in heat of fire.

## SECTION 5

### REACTIVITY DATA

**STABILITY** ..... STABLE

**CONDITIONS TO AVOID** – Avoid heat, sparks and open flames. Prevent static discharges, high temperatures or vapor accumulation.

**INCOMPATIBILITY (Materials To Avoid)** – This product may react with oxidizers such as peroxides, nitric acid, and perchlorates.

**HAZARDOUS DECOMPOSITION** – Carbon monoxide, nitrogen oxides, PAHs, phenols, and other aromatic hydrocarbons.

**HAZARDOUS POLYMERIZATION** ..... NONE

## SECTION 6

### HEALTH HAZARD DATA

**HAZARDOUS CONTACT** – Eye and Skin contact.

**ROUTES OF ENTRY** – Eye, Skin absorption (benzene, n-hexane, toluene), Inhalation, and Ingestion.

**ACUTE EXPOSURE** – Headache, nausea, dizziness and other symptoms of central nervous system (CNS) depression. Aspiration into the lungs can cause severe pneumonitis (serious lung irritation), with coughing, gagging, shortness of breath, chest pain, and/or pulmonary edema (fluid accumulation).

**CHRONIC EXPOSURE** – Peripheral and CNS damage, such as tremors, hallucinations, memory loss, and impaired mental capacity. Damage to kidneys and blood-producing system. Prolonged skin contact may cause dermatitis.

**CARCINOGENICITY** – EPA, IARC, and NIOSH consider gasoline to be a suspected (potential) carcinogen. ACGIH classifies gasoline as a confirmed animal carcinogen with unknown relevance to humans. NTP and OSHA have not classified gasoline for carcinogenicity. Benzene is a recognized carcinogen.

**IRRITANCY** – Skin, eyes, respiratory tract. Very serious irritant if trapped against skin.

**TERATOGENICITY** – Yes (toluene)

**REPRODUCTIVE TOXICITY** – Not available

**MUTAGENICITY** – Not known to be mutagenic

**TOXICOLOGICALLY SYNERGISTIC PRODUCTS** – Other petroleum hydrocarbons and other chemicals that cause CNS depression or other neurological effects can be expected to produce additive or synergistic effects. Ethanol alters liver function so that toxicity of organics such as benzene, toluene, etc., may be increased.

### EMERGENCY AND FIRST AID PROCEDURES

**EYE CONTACT** – Flush immediately with fresh lukewarm water for at least 10 minutes. 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 and shoes immediately. Wash skin thoroughly with soap and water. Get medical attention if irritation persists. Wash contaminated clothes.

**INHALATION** – Remove victim from source of exposure to fresh air. If breathing is difficult, provide oxygen. Give artificial respiration if breathing has stopped and if a qualified AR administrator is available. Apply CPR if both pulse and breathing have stopped. Get medical attention immediately.

**INGESTION** – Never give anything by mouth if the person is unconscious, rapidly losing consciousness, or convulsing. If the person is conscious, have them drink 8 to 10 ounces of water or milk to dilute the material in the stomach. Do not induce vomiting. If vomiting occurs spontaneously, have the person lean forward to avoid aspiration. Obtain medical attention immediately.

## 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.

To clean small spills, transfer bulk of product into another container. Absorb residue with an inert material such as earth, sand or oil absorbent. Sweep up and shovel (non-sparking tools), and dispose of as solid waste in accordance with applicable federal, state and local regulations.

Considered to be a water pollutant, prevent releases of this product from contaminating soil and water, or from entering drainage and sewer systems. Contain liquid to prevent further contamination of soil, surface water or groundwater.

The Clean Water Act requires the reporting of any discharge of oil and petroleum (in any kind or form) into surface waters. Immediately call the National Emergency Response Center at 1-800-424-8802.

**WASTE DISPOSAL METHODS** – Place contaminated materials in containers and dispose of in accordance 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.

**EMPTY CONTAINERS** – Empty containers may contain flammable/combustible residue or vapors. Do not cut, drill, 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.

**SKIN PROTECTION** – Wear Viton™ or Viton™/butyl rubber gloves along with protective clothing to prevent skin contact.

**EYE PROTECTION** – Wear safety glasses or face shield as a good general safety practice. Have eye washing facility readily available where eye contact can occur.

**WORK PRACTICES** – Do not use or store near flame, sparks or hot surfaces. Use only in well ventilated area. Keep container closed. Do not weld, heat or drill container. Replace cap or bung. Do not use pressure to empty drum or explosion may result. Keep head away from container when opening or dispensing.

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

NA = NOT APPLICABLE NDA = NO DATA AVAILABLE

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