

# SAFETY DATA SHEET



COLONIAL OIL INDUSTRIES, Inc.

## SECTION 1 · COMPANY AND PRODUCT IDENTIFICATION

### PRODUCT

Product Name: ULTRA LOW SULFUR DIESEL DYED W/5% BIODIESEL

Control Number: 00281

Product Description: Petroleum Hydrocarbon Distillate

### COMPANY IDENTIFICATION

Supplier: COLONIAL OIL INDUSTRIES, INC.  
101 North Lathrop Avenue  
Savannah, Georgia 31415

24 Hour Emergency Telephone: (800)-424-9300 CHEMTREC

General Information: (912) 236-1331

## SECTION 2 · HAZARDS IDENTIFICATION

### GHS Classification:

#### [ Health ]

Aspiration hazard Category 1  
Skin irritation Category 2  
Eye irritation Category 2B

#### [ Environmental ]

Acute aquatic toxicity Category 2  
Chronic aquatic toxicity Category 2

#### [ Physical ]

Flammable Liquid Category 4

### GHS Label elements, including precautionary statements

#### Pictograms



Signal Word: Danger

#### Hazard Statements

H227 Combustible liquid  
H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H411 Toxic to aquatic life with long lasting effects.

#### Precautionary Statements

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
P264 Wash skin thoroughly after handling.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P321 Specific treatment (see supplemental first aid instructions on this label).  
P331 Do NOT induce vomiting.  
P332 + P313 If skin irritation occurs: Get medical advice/ attention.  
P362 Take off contaminated clothing and wash before reuse.  
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

## SECTION 3 · COMPOSITION / INFORMATION ON INGREDIENTS

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CHEMICAL NAME	CAS Numbers	%WT
Straight Run Middle Distillates	64741-44-2	70-100
Light Catalytic Cracked Distillate	64741-59-9	0-30
Biodiesel	Mixture	5
Naphthalene	64741-41-9	<3
Sulfur	7704-34-9	≤15 ppm

## SECTION 4 · FIRST AID MEASURES

**Eyes:** Flush with large amounts of cool running water for at least 15 minutes with eyelids forced open. Seek medical attention if symptoms develop and persist.

**Skin:** Remove contaminated clothing. Wash exposed skin with soap and water. Seek medical attention if symptoms persist.

**Inhalation:** For excessive inhalation remove to fresh air. If breathing is difficult seek medical attention.

**Ingestion:** DO NOT induce vomiting. Danger of aspiration of vomit into the lungs can cause serious damage and chemical pneumonitis. Seek immediate medical attention.

## SECTION 5 · FIRE FIGHTING MEASURES

**Extinguishing Media:** To extinguish flames use water spray, dry chemical, carbon dioxide or fire fighting foam.

**Fire Fighting Procedures:** Cool exposed containers with water spray. Wear self-contained breathing apparatus (SCBA) operated in pressure demand mode and full bunker firefighter's protective clothing.

**Fire and Explosion Hazards:** Containers can rupture and explode under fire conditions due to pressure and vapor buildup. Heated vapors may form explosive mixture with air. Vapors may travel across the ground and reach an ignition source.

## SECTION 6 · ACCIDENTAL RELEASE and DISPOSAL MEASURES

Ventilate the area and stop source of spill. Salvage and recycle as much material as possible. Eliminate sources of ignition.

For small spills, use absorbent material such as towels or absorbent powders. Put all material into proper waste disposal container with lid tightly covered. Solvent soaked materials may spontaneously combust.

For larger spills, dike spill, recover salvageable free liquid, collect with an electrically protected vacuum cleaner or by wet-brushing, and use absorbent material to dry area and then Rinse area with water. Put all material into appropriate waste containers. Avoid contaminating ground and surface water.

## SECTION 7 · STORAGE AND HANDLING

**Handling and Storage:** Avoid contact with product. Do not breathe vapors. Always store in tightly sealed, and properly labeled original container. Store in a cool, dry well ventilated area, away from acute fire hazards. Use non-sparking tools. Bond and ground all equipment to prevent static discharge during transfer.

**Other Precautions:** Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

## SECTION 8 · EXPOSURE CONTROLS AND PERSONAL PROTECTION



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**Engineering Controls:** Use explosion-proof ventilation equipment. Provide ventilation or other engineering controls to keep the airborne concentrations of vapor or mists below the applicable workplace exposure limits indicated below. The level of protection and types of controls will vary depending upon potential exposure conditions.

<b>Exposure Limits:</b>	Straight Run Middle Distillates	400 ppm OSHA
	Light Catalytic Cracked Distillate	400 ppm OSHA
	Naphthalene	15 ppm OSHA
	Biodiesel	No available data

### Personal Protective Equipment (PPE):

**Eyes:** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133.

**Skin:** If prolonged or repeated skin contact is likely, wear appropriate protective gloves.

**Clothing:** Selection of protective clothing depends on work conditions.

**Respirators:** Where adequate ventilation is not available an approved respirator must be worn. Respirator selection, use and maintenance should be in accordance with the requirements of OSHA Respiratory Protection Standard, 29 CFR 1920.134. In confined areas, use a self-contained breathing apparatus.

**Other Equipment:** Adequate explosion proof ventilation to control airborne concentrations below the exposure limits. Eye wash station and drenching shower in close proximity to use are advised.

## SECTION 9 · PHYSICAL AND CHEMICAL PROPERTIES

**Flash Point:** 125 °F

**Autoignition Temperature:** 450 °F

**Boiling Point Range:** 350-680 °F

**Melting Point:** No available data

**Vapor Pressure:** 1 mmHg

**Vapor Density (Air-1):** 4

**Odor/Appearance:** Pale to dark yellow liquid with hydrocarbon odor.

**Flammability Limits:** Lower 0.6 Upper 7.5

**Average Specific Gravity:** 0.90

**Volatile %:** No available data

**Evaporation Rate (BuAc=1):** 1

**pH:** Not applicable

**Solubility in Water:** Negligible

## SECTION 10 · STABILITY AND REACTIVITY

**Chemical Stability:** Stable under normal use and temperature conditions.

**Conditions to Avoid:** Keep away from heat, flame and other potential ignition sources.

**Materials to Avoid:** Strong acids, and oxidizers.

**Decomposition Products:** When combusted, oxides of carbon and various hydrocarbons.

## SECTION 11 · TOXICOLOGICAL INFORMATION

### Signs and Symptoms of Overexposure:

**Skin:** The degree of irritation will depend on the amount of material that is applied and the duration time.



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**Eyes:** cause transient mild eye irritation with short-term contact with liquid sprays or mists. Symptoms include stinging, watering, redness, and swelling.

**Inhalation:** Breathing high concentrations may be harmful. Mist or vapor can irritate the throat and lungs. Breathing this material may cause central nervous system depression.

**Ingestion:** This material may irritate the mucous membranes of the mouth, throat, and esophagus. Aspiration of this material into the lungs may result in damage or death.

**Acute oral toxicity:**

Straight Run Middle Distillates: LD50 rat: No available data  
Light Catalytic Cracked Distillate: LD50 rat: No available data  
Biodiesel: LD50 rat: No available data  
Naphthalene: LD50 rat: > 2,000 mg/kg

**Acute inhalation toxicity:**

Straight Run Middle Distillates: LC50 rat: No available data  
Light Catalytic Cracked Distillate: LC50 rat: No available data  
Biodiesel: LC50 rat: No available data  
Naphthalene: LC50 rat: 5,000 mg/kg 1h

**Acute dermal toxicity:**

Straight Run Middle Distillates: LD50 rabbit: No available data  
Light Catalytic Cracked Distillate: LD50 rabbit: No available data  
Biodiesel: LD50 rabbit: No available data  
Naphthalene: LD50 rabbit: 2,000 mg/kg

## SECTION 12 · ECOLOGICAL INFORMATION

**Ecotoxicity:** Expected to be toxic to aquatic organisms.

**Bio-accumulative potential:** Bioaccumulation of this product is unlikely. This product is readily biodegradable.

**Mobility:** Adsorbs to soil and has low mobility. Floats on water.

## SECTION 13 · DISPOSAL CONSIDERATIONS

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

## SECTION 14 · TRANSPORTATION

**U.S. DEPARTMENT OF TRANSPORTATION (Road or Rail):**

**Proper Shipping Name:** Diesel Fuel  
**Hazard Class:** 3  
**NA Number:** 1993  
**Packaging Group:** III

**IATA**

**Proper Shipping Name:** Diesel Fuel  
**Hazard Class:** 3  
**NA Number:** 1993  
**Packaging Group:** III  
**ERG Code:** 3L

## SECTION 15 · REGULATORY INFORMATION

### US FEDERAL REGULATIONS

Comprehensive Environmental Response and Liability Act (CERCLA)

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## COLONIAL OIL INDUSTRIES, Inc.

This material is not subject to any special reporting under the requirements of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).

**SARA 302:** No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. The reportable quantity (RQ) for this material is estimated at 1000 pounds. If appropriate, immediately report to the National Response Center (800/424-8802) as required by U.S. Federal Law. Also contact appropriate state and local regulatory agencies.

**Toxic Substance Control Act (TSCA):** All components of this product are listed on the TSCA inventory list.

**SARA Section 311/312 (40 CFR 370) Hazard Categories:**  
Fire Hazard, Acute Hazard.

**SARA Section 313 (40 CFR 372) Hazard Categories:** This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**Clean Water Act:** None of the chemicals in this product are listed as Hazardous Substances under the CWA

**Clean Air Act:** None of the chemicals in this product are listed as Hazardous Substances under the CAA.

**California Prop 65:** This product contains naphthalene a chemical known by the State of California to cause cancer, birth defects or other reproductive harm.

### SECTION 16 · OTHER INFORMATION

**SDS Revision Date:** April 2015

**National Fire Protection Association (NFPA) Ratings:** This information is intended solely for the use of individuals trained in the NFPA system.

**Health:** 1  
**Flammability:** 2  
**Reactivity:** 0

The information above is believed to be accurate and represents the best information currently available to us. However, Colonial Oil Industries makes no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Colonial be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Colonial has been advised of the possibility of such damages. The vendor assumes no responsibility for injury or damages resulting from the inappropriate alteration or manipulation of this SDS and its contents from that originally submitted by Colonial.

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SDS

**Common Name:** ULTRATANE BUTANE FUEL**Manufacturer:** MASTER APPLIANCE**SDS Revision Date:** 10/6/2014**SDS Format:** GHS-US**Grainger Item Number(s):** 1YMK4, 33M673, 3KMT5, 3W799**Manufacturer Model Number(s):**

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PRINT DATE: 1/28/2015

## SECTION I PRODUCT IDENTIFICATION / COMPANY INFORMATION



PRODUCT NAME: ULTRATANE BUTANE FUEL

PRODUCT USE: FUEL FOR BUTANE POWERED HEAT TOOLS

COMPANY NAME: MASTER APPLIANCE CORP.

**ADDRESS:**2420 18TH STREET  
RACINE, WI 53401

INFORMATION TELEPHONE: 1-262-633-7791

EMERGENCY TELEPHONE: 1-800-535-5053 (INFOTRAC)

## SECTION II COMPOSITION / DATA ON COMPONENTS



## GHS CLASSIFICATION:

FLAMMABLE GASES, 1, H220

GASES UNDER PRESSURE - LIQUEFIED GAS, H280

## GHS LABEL ELEMENTS SYMBOL(S):

FLAME

GAS CYLINDER

SIGNAL WORDS: DANGER

## GHS HAZARD STATEMENTS:

## PHYSICAL HAZARDS:

H220: EXTREMELY FLAMMABLE GAS.

H280: CONTAINS GAS UNDER PRESSURE; MAY EXPLODE IF HEATED.  
GAS MAY REDUCE OXYGEN IN CONFINED SPACES.

## HEALTH HAZARDS:

## ENVIRONMENTAL HAZARDS:

## GHS PRECAUTIONARY STATEMENTS:

## OTHER HAZARDS:

RAPID EVAPORATION OF THE LIQUID MAY CAUSE FROSTBITE. VAPORS ARE HEAVIER THAN AIR AND CAN CAUSE SUFFOCATION BY REDUCING AVAILABLE OXYGEN. MAY CAUSE CARDIAC ARRHYTHMIA.

## PREVENTION:

P210: KEEP AWAY FROM HEAT/SPARKS/OPEN FLAMES/HOT SURFACES - NO SMOKING

## P377:

LEAKING GAS FIRE: DO NOT EXTINGUISH, UNLESS LEAK CAN BE STOPPED SAFELY.

P381: ELIMINATE ALL IGNITION SOURCES IF SAFE TO DO SO.

## STORAGE:

P410+P403: PROTECT FROM SUNLIGHT. STORE IN A WELL-VENTILATED PLACE.

**SECTION III COMPOSITION / INFORMATION ON INGREDIENTS**

INGREDIENT	PERCENT	TLV (PPM)
LIQUEFIED PETROLEUM GAS	100	1000

**SECTION IV FIRST AID MEASURES**

## EMERGENCY FIRST AID PROCEDURES:

## EYE CONTACT:

FOR LIQUID CONTACT, IRRIGATE WITH RUNNING WATER FOR MINIMUM OF 15 MINUTES.  
SEEK MEDICAL ATTENTION.

## SKIN CONTACT:

FOR LIQUID CONTACT, WARM AREAS GRADUALLY AND GET MEDICAL ATTENTION IF THERE IS EVIDENCE OF FROST BITE OR TISSUE DAMAGE. FLUSH AREA WITH LUKEWARM WATER. DO NOT RUB AFFECTED AREA. IF BLISTERING OCCURS, APPLY A STERILE DRESSING.  
SEEK MEDICAL ATTENTION.

