

Material Safety Data Sheet

COLONIAL OIL INDUSTRIES, INC.
P. O. BOX 576
SAVANNAH, GA 31402
912-236-1331

I. General Information

ISSUE DATE 11/85

Chemical Name & Synonyms
Petroleum Distillate Fuel

Chemical Family
Petroleum Hydrocarbon mixture

Proper DOT Shipping Name
Fuel Oil, No. 6

Manufacturer
Various petroleum refiners
Manufacturer's Address

Trade Name & Synonyms
No. 6 Fuel Oil, Bunkers
Formula

DOT Hazard Classification
Combustible Liquid NA -1993

Emergency Phone Number 1-912-236-1331

Chemtrec Phone Number 1-800-424-9400

PLAINTIFF'S EXHIBIT

BIR-1136

II. Ingredients

Principal Hazardous Component	Percent	Product Name
Combination of distilled petroleum Hydrocarbons	100%	product

III. Physical Data

Boiling Point (°F)
450-1100°F

Vapor Pressure (mm Hg.)
<0.1 @ 20°C

Vapor Density (Air = 1)
>5

Solubility in Water
Negligible

Appearance & Odor
Black liquid-strong petroleum odor

Specific Gravity (H₂O = 1)
.99

Percent Volatile By Volume (%)
10-30%

Evaporation Rate (Ether = 1)
Less than 1

pH
Neutral

IV. Fire & Explosion Hazard Data

Flash Point (Test Method)
180°F COC

Flammable Limits

Extinguishing Media

Foam, Dry chemical, Carbon Dioxide, Halon

Special Fire Fighting Procedures

Cool fire exposed containers with water streams. Self contained breathing apparatus may be required.

Unusual Fire & Explosion Hazards

This material may be ignited by heat, sparks, or flames.

Auto Ignition Temperature
Not determined

LEL
.9%

UEL
7.0%

V. Health Hazard Data

Threshold Limit Value	OSHA Threshold Limit Value Not established	ACGIH Threshold Limit Value Not established
Carcinogen - NTP Program	Carcinogen - IARC Program	
See block IX		

Symptoms of Exposure
Inhalation: High vapor concentrations are irritating to eyes and respiratory system. May cause nausea, dizziness, headache, possible unconsciousness. **Ingestion:** May cause G.I. irritation, vomiting, diarrhea. **Eyes:** liquid will cause irritation. **Skin:** Liquid may cause irritation, defatting and dermatitis.

Primary Route(s) of Entry
 (Inhalation and absorption)

Emergency First Aid
 If inhaled remove victim to fresh air. If liquid contacts skin or eyes flush with large amounts of water. If ingested DO NOT induce vomiting. GET MEDICAL ATTENTION.

VI. Reactivity Data

Stability	☒ Unstable ☐ Stable	Conditions To Avoid
Incompatibility		Materials To Avoid Avoid contact with strong oxidizers
Hazardous	☐ May Occur ☒ Will Not Occur	Conditions To Avoid Avoid contact with heat, flames or other ignition sources
Polymerization		
Hazardous Decomposition Products Combustion may produce carbon monoxide, carbon dioxide, or toxic materials.		

VII. Environmental Protection Procedures

Spill Response
 Stop spill or leak. Eliminate ignition sources. Contain liquid with absorbent material. Recover and recycle or dispose of all spilled or contaminated material.

Waste Disposal Method
 Recycle as much of recoverable product as possible. Dispose of all non-recyclable material as hazardous waste in accordance with Federal, State, and Local regulations.

VIII. Special Protection Information

Eye Protection Chemical goggles and/or splash shield Respiratory Protection (Specific Type) Not normally required (see below) Other Protection If respiratory protection is required, use air mask or hydrocarbon absorbing respirator.	Skin Protection Impervious gloves Ventilation Recommended Natural ventilation normally sufficient.
---	--

IX. Special Precautions

Hygienic Practices In Handling & Storage
 Minimize breathing vapor mist or fumes. Avoid prolonged or repeated contact with liquid. Cleanse thoroughly after contact with soap and water.

Precautions For Repair & Maintenance Of Contaminated Equipment
 Never weld or burn on equipment or containers that have contained fuel oil without flushing and gas freeing.

Other Precautions
 This product may contain distillates similar to those suspected in causing cancers in laboratory animals. Repeated or prolonged contact should be avoided.