



MATERIAL SAFETY DATA SHEET

I. MATERIAL IDENTIFICATION

NAME: AVIATION GRADE KEROSENE

SYNONYMS: JET FUEL

CHEMICAL FAMILY: HYDROCARBON

MANUFACTURER: LA GLORIA OIL & GAS COMPANY

ADDRESS : P.O. BOX 840, TYLER, TX 75710

REVISION DATE: Sep 24, 1990

DOT PROPER SHIPPING NAME: KEROSENE

UN/NA NUMBER: 1223

CAS NUMBER: 800-82-06

REFINERY TEL.NO.: 214-535-2244

CHEMTREC TEL.NO.: 1-800-424-9300

II. INGREDIENTS

GENERAL:

Complex mixture of petroleum distillates, largely C7 through C18.

PERCENT >90

SPECIFIC:

NAPHTHALENE

PERCENT 3.0

TLV 10

CAS.NO 91-20-3

TRIMETHYLBENZENE

PERCENT 1.1

TLV 10

CAS.NO 255551-13-7

Class II Flammable Liquid per NFPA Code No.30-1987.

Specific substances listed in the ingredients section are those identified as being present at a concentration of 1% or greater, or 0.1% if a substance is on the list of potential carcinogens cited in the OSHA Hazard Communication Standard. Where an ingredient shows, the identity of this substance is listed in OSHA Standard 1910.1200 and SARA Title III.

III. PHYSICAL DATA

APPEARANCE AND ODOR : Clear liquid-Petroleum odor

BOILING POINT (Deg.F) : 330 F

VAPOR PRESSURE (mmHg) : <50

VAPOR DENSITY (AIR=1) :

SOLUBILITY IN WATER : Slight.

SPECIFIC GRAVITY (H2O=1) : .825

EVOLATILE (by volume) : 100

EVAPORATION RATE (Ether=1) : .04

UPPER FLAMMABILITY LIMIT : 6.0

LOWER FLAMMABILITY LIMIT : 0.0

**IV. REACTIVITY DATA**

STABLE: X

UNSTABLE:

**HAZARDOUS DECOMPOSITION PRODUCTS:**

Incomplete combustion may produce Carbon Monoxide.

**CONDITIONS TO AVOID:**

Keep away from heat or flame.

**HAZARDOUS POLYMERIZATION:**

Will not occur.

**V. FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT (Method used) : 122 F TCC

AUTOIGNITION TEMP: 425-474 F

**EXTINGUISHING MEDIA :**

FOAM, WATER SPRAY, DRY CHEMICAL, CO2.

**SPECIAL FIRE FIGHTING PROCEDURES:**

Do not use straight water stream on fire as it will scatter fire.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**

Do not enter confined area without proper protective equipment including respiratory protection. Vapor may explode.

**VI. TRANSPORTATION AND STORAGE**

DOT HAZARD CLASS: KEROSENE

DOT PROPER SHIPPING NAME: KEROSENE

UN/NA NUMBER: 1223

PLACARD : Combustible

DOT LABEL : N/A

OSHA LABEL: Not required  
N/A**VII. HEALTH HAZARD INFORMATION**

TLV: N/A

STEL: 500 PPM

PEL: N/A

SKILLING VALUE: Not established

PRIMARY ROUTE(S) OF EXPOSURE/ENTRY: Inhalation, Skin contact.

This product contains petroleum hydrocarbons. It may cause irritation to the eyes, lungs or skin after prolonged exposure.

AGGIE: No

IS THIS PRODUCT LISTED AS A CARCINOGEN WITH ANY OF THE FOLLOWING AGENCIES?  
OSHA: No

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**VIII. EMERGENCY AND FIRST AID PROCEDURES**

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**EYES:** Flush with water for 15 minutes. Get medical aid.

**SKIN:**

Remove contaminated clothing. Wash with large amounts of soap and water. If irritation persists get medical aid.

**INHALATION:**

Remove to fresh air. If breathing has stopped administer artificial respiration. Get medical aid.

**INGESTION :**

Do not induce vomiting. Get medical aid.

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**IX. SPILL, LEAK AND DISPOSAL PROCEDURES**

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**RCRA HAZARDOUS WASTE :** Yes

**IN CASE OF SPILL OR LEAK:**

Contain spill, remove as much as possible by vacuuming or soak up using absorbent materials. Keep away from heat or flame.

**WASTE DISPOSAL METHOD:**

Follow Federal, State or local regulations.

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**X. PRECAUTIONARY MEASURES**

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**RESPIRATORY PROTECTION:**

Normally not required. NIOSH approved organic vapor respirator to prevent inhalation when in confined areas.

**VENTILATION:**

Mechanical explosion proof in enclosed areas.

**PROTECTIVE GLOVES:**

Impervious, to prevent skin contact.

**EYE PROTECTION:**

Chemical splash goggles or face shield.

**OTHER PROTECTIVE EQUIPMENT:**

Protective clothing as necessary to prevent skin contact.

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