LA GLORIA OIL & GAS COMPANY -- TURBINE FUEL, AVIATION, JP-8 ______ MSDS Safety Information ______ FSC: 9130 NIIN: 01-031-5816 MSDS Date: 06/10/1993 MSDS Num: BRTGN Product ID: TURBINE FUEL, AVIATION, JP-8 MFN: 01 Responsible Party Cage: MO636 Name: LA GLORIA OIL & COMPANY Box: 840 City: TYLER TX 75710 Info Phone Number: 903-535-2244 Emergency Phone Number: 903-535-2244 R eview Ind: Y Published: Y ______ Contractor Summary _____ Cage: MO636 Name: LA GLORIA OIL & COMPANY Address: UNKNOWN Box: 840 City: TYLER TX 75710 Phone: 903-535-2244 Cage: 3K472 Name: LA GLORIA OIL AND GAS CO Address: 1702 E COMMERCE City: TYLER TX 75710 Phone: 214-535-2244 ______ Item Description Information _____ _____ Item Name: TURBINE FUEL, AVIATION Unit of Issue: GL UI Container Qty: X ______ Ingredients ______ Name: PETROLEUM MIDDLE DISTILLATE % Wt: 100 % Other REC Limits: NONE RECOMMENDED OSHA PEL: NOT ESTABLISHED ACGIH TLV: NOT ESTABLISHED ______ Health Hazards Data ______

LD50 LC50 M

ixture: NOT SPECIFIED BY MANUFACTURER.

Route Of Entry Inds - Inhalation: YES

Skin: YES Ingestion: NO

Carcinogenicity Inds - NTP: NO

IARC: NO OSHA: NO

Effects of Exposure: IT MAY CAUSE IRRITATION TO EYES, LUNGS OR SKIN AFTER

PROLONGED EXPOSURE.

Explanation Of Carcinogenicity: PRODUCT CONTAINS NO INGREDIENTS CURRENTLY CLASSIFIED AS CARCINOGENIC BY NTP, IARC OR OSHA.

Signs And Symptions Of Overexposure: EYE IRRITATION, RESPIRATORY IRRITATION, SKIN IRRITATION.

Medical Cond Aggravated By Exposu

re: NONE SPECIFIED BY MANUFACTURER.

First Aid: 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 FRE SH AIR. IF BREATHING HAS STOPPED ADMINISTER ARTIFICIAL RESPIRATION. GET MEDICAL AID. INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL AID.

Handling and Disposal

Spill Release Procedures: CONTAIN SPILL. REMOVE AS MUCH AS POSSIBLE BY VACUUMING OR SOAK UP USING ABSORBENT MATERIALS. KEEP AWAY FROM HEAT OR FLAME.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

Handling And Storage Precautions: KEEP AWAY FROM HEAT OR FLAME.

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ther Precautions: NONE SPECIFIED BY MANUFACTURER.

Fire and Explosion Hazard Information

Flash Point Method: TCC Flash Point Text: 122F,50C Autoignition Temp Text: 425F

Lower Limits: 0.9 % Upper Limits: 6.0 %

Extinguishing Media: FOAM, WATER SPRAY, DRY CHEMICAL, CARBON DIOXIDE

Fire Fighting Procedures: DO NOT USE STRAIGHT WATER STREAM ON FIRE AS IT WILL

SCATTER FIRE. Unusual Fire/Exp

losion Hazard: DO NOT ENTER CONFINED AREA WITHOUT PROPER PROTECTIVE EQUIPMENT INCLUDING RESPIRATORY PROTECTION. VAPOR MAY EXPLODE. _____ Control Measures 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 Eye Protectio n: CHEMICAL SPLASH GOGGLES OR FACE SHIELD Other Protective Equipment: PROTECTIVE CLOTHING AS NECESSARY TO PREVENT SKIN

CONTACT.

Work Hygienic Practices: WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND

BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health: NONE SPECIFIED BY MANUFACTURER.

Physical/Chemical Properties

HCC: F4

B.P. Text: 330F,166C M.P/F.P Text: UNKNOWN

Decomp Text: UNKNOWN

Vapor Pres: 2 Vapor Density: 4.2 Spec Gravity: 0.825

Evaporation Rate & Evaporation R

Solubility in Water: SLIGHT

Appearance and Odor: CLEAR LIQUID, PETROLEUM ODOR

Percent Volatiles by Volume: 100 %

Corrosion Rate: UNKNOWN

Reactivity Data

Stability Indicator: YES

Stability Condition To Avoid: KEEP AWAY FROM HEAT OR FLAME.

Materials To Avoid: NONE S PECIFIED BY MANUFACTURER.

Hazardous Decomposition Products: CARBON MONOXIDE

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: NONE. WILL NOT OCCUR.

Toxicological Information

Ecological Information

MSDS Transport Information ______ Regulatory Information _____ -----Other Information -----Transportation Information _____ Respo nsible Party Cage: MO636 Trans ID NO: 100427 Product ID: TURBINE FUEL, AVIATION, JP-8 MSDS Prepared Date: 06/10/1993 Review Date: 11/05/1993 MFN: 1 Net Unit Weight: BULK Multiple KIT Number: 0 Review IND: Y Unit Of Issue: GL Container QTY: X Additional Data: FILM OR SHEEN UPON THE WATER SURFACE OR DISCOLORATION OF THE WATER OR ADJOINING SHORELINE IS REPORTA BLE TO THE NATIONAL RESPONSE CENTER AT 1-800-424-8802. **Detail DOT Information** DOT PSN Code: GOA DOT Proper Shipping Name: FUEL, AVIATION, TURBINE ENGINE Hazard Class: 3 UN ID Num: UN1863 DOT Packaging Group: III Label: FLAMMABLE LIQUID

Special Provision: B1,T1 Packaging Exception: 150

Non Bulk Pack: 203 Bulk Pack: 242 Max Qty Pass: 60 L Max Qty Cargo: 220 L Vessel Stow Req: A

Detail IMO Information

IMO PSN

Code: HNV

IMO Proper Shipping Name: FUEL, AVIATION, TURBINE ENGINE

IMDG Page Number: 3271

UN Number: 1863 UN Hazard Class: 3.2 IMO Packaging Group: I/II Subsidiary Risk Label: -EMS Number: 3-07

MED First Aid Guide NUM: 311

Detail IATA Information

IATA PSN MF

IATA UN ID Num: 1863

IATA Proper Shipping Name: FUEL, AVIATION, TURBINE ENGINE

IATA UN Class: 3

IATA Label: FLAMMABLE LIQUID

UN

Packing Group: III

Packing Note Passenger: 309

Max Quant Pass: 60L Max Quant Cargo: 220L Packaging Note Cargo: 310

Detail AFI Information

AFI PSN MF

AFI Proper Shipping Name: FUEL, AVIATION, TURBINE ENGINE

AFI Hazard Class: 3
AFI UN ID NUM: UN1863
AFI Packing Group: III
Special Provisions: P5
Back Pack Reference: A7.3

HAZCOM Lab

el

Product ID: TURBINE FUEL, AVIATION, JP-8

Cage: MO636 Assigned IND: Y

Company Name: LA GLORIA OIL & COMPANY

Street: UNKNOWN

PO Box: 840 City: TYLER TX Zipcode: 75710

Health Emergency Phone: 903-535-2244

Label Required IND: Y

Date Of Label Review: 11/05/1993

Status Code: C

MFG Label NO: NONE Label Date: 11/05/1993 Year Procured: 1993 Origination Code: F Eye Protection IND: YES Skin Protection IND: YES

Signal Word: WARNING

Health H

azard: Moderate

Contact Hazard: Slight Fire Hazard: Moderate Reactivity Hazard: None

Hazard And Precautions: KEEP AWAY FROM HEAT OR FLAME. FIRST AID: 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 G ET 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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