

CORNELL

Material Safety
Data SheetsDivision of Facilities Services**DOD Hazardous Material Information (ANSI Format)
For Cornell University Convenience Only****JP-8 JET FUEL**

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**Section 1 - Product and Company Identification
JP-8 JET FUEL****Product Identification:** JP-8 JET FUEL**Date of MSDS:** 09/16/1992 **Technical Review Date:** 09/12/1994**FSC:** 9140 **NIIN:** LIIN: 00N052727**Submitter:** N EN**Status Code:** C**MFN:** 01**Article:** N**Kit Part:** N**RECEIVED**

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Safety and Environmental
Health

Manufacturer's Information**Manufacturer's Name:** LAKETON REFINING CORP**Post Office Box:** 88123**Manufacturer's Address1:** 5400 W 88TH ST**Manufacturer's Address2:** INDIANAPOLIS, IN 46288-0123**Manufacturer's Country:** US**General Information Telephone:** 317-872-6010;219-982-2171**Emergency Telephone:** 317-872-6010;800-424-9300(CHEMTREC)**Emergency Telephone:** 317-872-6010;800-424-9300(CHEMTREC)**MSDS Preparer's Name:** N/P**Proprietary:** N**Reviewed:** N**Published:** Y**CAGE:** 4X779**Special Project Code:** N**Contractor Information****Contractor's Name:** LAKETON REFINING CORP**Contractor's Address1:** OGDEN RD**Contractor's Address2:** LAKETON, IN 46943-5000**Contractor's Telephone:** 219-982-2171**Contractor's CAGE:** 4X779

Section 2 - Compositon/Information on Ingredients
JP-8 JET FUEL

Ingredient Name: KEROSENE, HYDRODESULFURIZED; (HYDRODESULFURIZED KEROSENE)**Ingredient CAS Number:** 64742-81-0 **Ingredient CAS Code:** M**RTECS Number:** OA5510000 **RTECS Code:** M**=WT:** **=WT Code:****=Volume:** **=Volume Code:****>WT:** **>WT Code:****>Volume:** **>Volume Code:****<WT:** **<WT Code:****<Volume:** **<Volume Code:****% Low WT:** **% Low WT Code:****% High WT:** **% High WT Code:****% Low Volume:** **% Low Volume Code:****% High Volume:** **% High Volume Code:****% Text:** 97-100**% Environmental Weight:****Other REC Limits:** N/K**OSHA PEL:** 400 PPM (MFR) **OSHA PEL Code:** M**OSHA STEL:** **OSHA STEL Code:****ACGIH TLV:** N/K (FP N) **ACGIH TLV Code:** M**ACGIH STEL:** N/P **ACGIH STEL Code:****EPA Reporting Quantity:****DOT Reporting Quantity:**

Ozone Depleting Chemical: N**Ingredient Name:** NAPHTHALENE (SARA III)**Ingredient CAS Number:** 91-20-3 **Ingredient CAS Code:** M**RTECS Number:** QJ0525000 **RTECS Code:** M**=WT:** =WT Code:**=Volume:** =Volume Code:**>WT:** >WT Code:**>Volume:** >Volume Code:**<WT:** <WT Code:**<Volume:** <Volume Code:**% Low WT:** % Low WT Code:**% High WT:** % High WT Code:**% Low Volume:** % Low Volume Code:**% High Volume:** % High Volume Code:**% Text:** 0-3**% Environmental Weight:****Other REC Limits:** N/K**OSHA PEL:** 10 PPM **OSHA PEL Code:** M**OSHA STEL:** OSHA STEL Code:**ACGIH TLV:** 10 PPM;15 STEL **ACGIH TLV Code:** M**ACGIH STEL:** N/P **ACGIH STEL Code:****EPA Reporting Quantity:** 100 LBS**DOT Reporting Quantity:** 100 LBS**Ozone Depleting Chemical:** N

Section 3 - Hazards Identification, Including Emergency Overview
JP-8 JET FUEL

Health Hazards Acute & Chronic: INHAL:EXCESSIVE EXPOSURE MAY CAUSE IRRITATION TO NOSE & THROAT. MAY ALSO CAUSE CNS EFFECTS, DIZZINESS, LOSS OF BALANCE & COORDINATION. MAY ALSO CAUSE UNCONSCIOUSNESS. SKIN:PRACTICALLY NON-TOXIC IF ABS ORBED. MAY PRODUCE TUMORS W/PROLONGED & REPEATED CONTACT. MODERATE IRRITATION W/PROLONGED OR (EFTS OF OVEREXP)

Signs & Symptoms of Overexposure:

HLTH HAZ:REPEATED CONTACT. EYES:CONTACT MAY CAUSE MINIMAL IRRITATION. INGEST:HARMFUL OR FATAL IF SWALLOWED. PULMONARY ASPIRATION HAZARD IF SWALLOWED & VOMITING OCCURS. MAY ENTER LUNGS & CAUSE RESPIRATORY DAMAGE.

Medical Conditions Aggravated by Exposure:

NONE SPECIFIED BY MANUFACTURER.

LD50 LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.

Route of Entry Indicators:**Inhalation:** YES**Skin:** NO**Ingestion:** NO

Carcinogenicity Indicators

NTP: NO
IARC: NO
OSHA: NO

Carcinogenicity Explanation: NOT RELEVANT

Section 4 - First Aid Measures
JP-8 JET FUEL

First Aid:

INHAL:MOVE EXPOS PERS TO FRESH AIR. SKIN:WASH W/SOAP & WATER UNTIL NO ODOR REMAINS. IF REDNESS/SWELL DEVELOPS, OBTAIN MED ASSISTANCE. IMMED REMOVE & WASH SOAKED CLTHG BEFORE REUSE. EYES:FLUSH W/WATER FOR AT LST 15 MINS. IF IRRIT PERSISTS, OBTAIN MED ASSISTANCE. INGEST:DO NOT INDUCE VOMIT. DO NOT GIVE LIQS. CONT LOC POIS CTL CTR & OBTAIN MED ASSISTANCE. SM AMTS WHICH ACCIDENTALLY ENTER (SUPP DATA)

Section 5 - Fire Fighting Measures
JP-8 JET FUEL

Fire Fighting Procedures:

USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT (FP N). COOL EXPOSED TANKS & CONTAINERS.

Unusual Fire or Explosion Hazard:

FLAMMABLE MATERIAL.

Extinguishing Media:

WATER FOG, MECHANICAL FOAM, DRY CHEMICAL POWDER OR CARBON DIOXIDE.

Flash Point: Flash Point Text: >100F,>38C

Autoignition Temperature:

Autoignition Temperature Text: N/A

Lower Limit(s): 0.7%

Upper Limit(s): 5%

Section 6 - Accidental Release Measures
JP-8 JET FUEL

Spill Release Procedures:

CONTAIN SPILL. USE WATER SPRAY TO DISSIPATE VAPORS. ABSORB W/INERT MATERIALS. NOTIFY FEDERAL, STATE & LOCAL ENVIRONMENTAL AUTHORITIES AS APPROPRIATE.

Section 7 - Handling and Storage
JP-8 JET FUEL

Handling and Storage Precautions:**Other Precautions:**

Section 8 - Exposure Controls & Personal Protection

JP-8 JET FUEL

Respiratory Protection:

CONCENTRATIONS IN AIR DETERMINES NECESSITY OF RESPIRATORY PROTECTION. WHERE ORGANIC VAPORS ARE >50 PPM, NIOSH/MSHA APPROVED AIR PURIFYING RESPIRATORS W/ORGANIC VAPOR CARTRIDGES SHOULD BE WORN.

Ventilation:

VENTILATE AS NEEDED TO COMPLY W/PERSONAL EXPOSURE LIMITS.

Protective Gloves:

IMPERVIOUS GLOVES.

Eye Protection: ANSI APPRVD CHEM WORKER GOGGLES (FP N).

Other Protective Equipment: IF CONT IS UNAVOIDABLE, WEAR IMPERVIOUS, PROT GEAR. SPLASH SUIT REC TO PROT AGAINST CONT/ACCIDENTAL SPLASH OF PRODUCT.

Work Hygenic Practices: LAUNDER SOILED CLOTHES & UNIFORM DAILY. WASH HANDS & EXPOS SKIN REGULARLY TO AVOID PRLNG & RPTD CONT.

Supplemental Health & Safety Information: FIRST AID PROC: MOUTH SHOULD BE RINSED OUT UNTIL THE TASTE OF THE PRODUCT IS GONE.

Section 9 - Physical & Chemical Properties

JP-8 JET FUEL

HCC:

NRC/State License Number:

Net Property Weight for Ammo:

Boiling Point: Boiling Point Text: >325F,>163C

Melting/Freezing Point: Melting/Freezing Text: N/K

Decomposition Point: Decomposition Text: N/K

Vapor Pressure: 20 @ 158F **Vapor Density:** 5

Percent Volatile Organic Content:

Specific Gravity: 0.81

Volatile Organic Content Pounds per Gallon:

pH: N/K

Volatile Organic Content Grams per Liter:

Viscosity: N/P

Evaporation Weight and Reference: N/K

Solubility in Water: NIL

Appearance and Odor: COLORLESS FLUID; CHARACTERISTIC KEROSENE ODOR.

Percent Volatiles by Volume: 100

Corrosion Rate: N/K

Section 10 - Stability & Reactivity Data

JP-8 JET FUEL

Stability Indicator: YES

Materials to Avoid:

STRONG OXIDIZERS.

Stability Condition to Avoid:

NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:

CARBON MONOXIDE & ASPHYXIANTS.

Hazardous Polymerization Indicator: NO

Conditions to Avoid Polymerization:

NOT RELEVANT

Section 11 - Toxicological Information
JP-8 JET FUEL

Toxicological Information:

N/P

Section 12 - Ecological Information
JP-8 JET FUEL

Ecological Information:

N/P

Section 13 - Disposal Considerations
JP-8 JET FUEL

Waste Disposal Methods:

FOLLOW ALL FEDERAL, STATE & LOCAL REGULATIONS FOR DISPOSAL. DO NOT FLUSH TO DRAIN/STORM SEWERS. INCINERATE UNDER CONTROLLED CONDITIONS IF APPROVED OR CONTRACT FOR DISPOSAL W/AUTHORIZED DISPOSAL FACILITY.

Section 14 - MSDS Transport Information
JP-8 JET FUEL

Transport Information:

N/P

Section 15 - Regulatory Information
JP-8 JET FUEL

SARA Title III Information:

N/P

Federal Regulatory Information:

N/P

State Regulatory Information:

N/P

Section 16 - Other Information
JP-8 JET FUEL

Other Information:

N/P

HAZCOM Label Information

Product Identification: JP-8 JET FUEL

CAGE: 4X779

Assigned Individual: N

Company Name: LAKETON REFINING CORP

Company PO Box:

Company Street Address1: OGDEN RD

Company Street Address2: LAKETON, IN 46943-5000 US
Health Emergency Telephone: 317-872-6010;800-424-9300(CHEMTREC)
Label Required Indicator: Y
Date Label Reviewed: 09/12/1994
Status Code: C
Manufacturer's Label Number:
Date of Label: 09/12/1994
Year Procured: N/K
Organization Code: G
Chronic Hazard Indicator: N
Eye Protection Indicator: YES
Skin Protection Indicator: YES
Respiratory Protection Indicator: YES
Signal Word: WARNING
Health Hazard: Moderate
Contact Hazard: Slight
Fire Hazard: Moderate
Reactivity Hazard: None

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