



Material Safety Data Sheets

Division 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

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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 - Composition/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 ABSORBED. MAY PRODUCE TUMORS W/PROLONGED & REPEATED CONTACT. MODERATE IRRITATION W/PROLONGED OR (EFFECTS OF OVEREXPOSURE)

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

Carcenogenicity 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. IMMEDIATELY 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 Hygienic 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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