

U S OIL AND REFINING CO -- JET A COMMERCIAL JET FUEL -- 9130-00-359-2026

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Product Identification
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Product ID:JET A COMMERCIAL JET FUEL

MSDS Date:01/01/1987

FSC:9130

NIIN:00-359-2026

MSDS Number: BNBRQ

=== Responsible Party ===

Company Name:U S OIL AND REFINING CO

Address:3001 MARSHALL AVE E

City:TACOMA

State:WA

ZIP:98421-3118

Country:US

Info Phone Num:206-383-1651

Emergency Phone Num:20

6-383-1651/800-424-9300(CHEMTREC)

CAGE:6E780

=== Contractor Identification ===

Company Name:U S OIL AND REFINING CO

Address:3001 E MARSHALL AVE

Box:2255

City:TACOMA

State:WA

ZIP:98401-2255

Country:US

Phone:253-383-1651/FAX: 253-383-9970

CAGE:6E780

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Composition/Information on Ingredients
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Ingred Name:HYDROCARBONS (BOILING RANGE OF 300 F TO 572F)

Fraction by Wt: 100% %

Other REC Limits:100PPM 8-HR PEL

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Hazards Identification
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LD50 LC50 Mixture:NOT SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:LIQUID, MIST OR VAPORS CAN CAUSE EYE,

SKIN AND RESPIRATORY TRACT IRRITATION. INGESTION OF LIQUID AND

ASPIRATION INTO THE LUNGS CAN RESULT IN CHEMICAL PNEUMONIA.

Explanation of Carcinogenicity:PRODUCT CONTAINS NO INGREDIENTS

CURRENTLY CLASSIFIED AS CARCINOGENIC BY NTP, IARC OR OSHA.

Effects o

f Overexposure:NOSE/THROAT/LUNG IRRITATION, CENTRAL NERVOUS SYSTEM DEPRESSION, EYE IRRITATION, SKIN IRRITATION/DERMATITIS, MOUTH/THROAT/SSSTOMACH IRRITATION, NAUSEA, VOMITING, DIARRHEA, RESTLESSNESS.
Medical Cond Aggravated by Exposure:RE-EXISTING CENTRAL NERVOUS SYSTEM DISEASES, SKIN DISORDERS OR CHRONIC RESPIRATORY DISEASES SHOULD AVOID EXPOSURE TO THIS PRODUCT.

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===== First Aid Measures =====

First Aid:INHALATION: REMOVE TO FRESH AIR. FOR RESPIRATORY DISTRESS, GIVE OXYGEN OR ADMINISTER CPR. OBTAIN PROMPT MEDICAL ATTENTION. EYES: FLUSH WITH CLEAN WATER FOR 15 MINUTES. IF IRRITATION PERSISTS, GET MEDI CAL ATTENTION. SKIN: IMMEDIATELY REMOVECONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. OBTAIN MEDICAL ATTENTION.

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===== Fire Fighting Measures =====

Flash Point Method:PMCC
Flash Point:>100 F,>38C
Autoignition Temp:Autoignition Temp Text:400F
Lower Limits:0.7 %
Upper Limits:5.0 %
Extinguishing Media:DRY CHEMCIAL, FOAM, CARBON DIOXIDE, HALON. WATER FOG OR WATER SPRAY ARE OF VALUE FOR COOLING, BUT MAY NOT EXTINGUISH.
Fire Fighting Procedures:DO NOT ENTER ANY ENCLOSED FIRE SPACE WITHOUT PROPER PROTECTIVE EQUIPMENT, INCLUDING SELF-CONTAINED BREATHING APPARAATUS. COOL TANKS AND CONTAINERS EXPOSED.
Unusual Fire/Explosion Hazard:WILL RELEASE FLAMMABLE VAPORS WHICH IF EXPOSED TO AN IGNITION SOURCES CAN BURN IN THE OPEN OR BE EXPLOSIVE IN CONFINED SPACES. MISTS OR SPRAYS MAY BE FLAMMABLE

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===== Accidental Release Measures =====

Spill Release Procedures:CONTAIN SPILL. REMOVE ALL IGNITION SOURCES AND SAFELY STOP FLOW OF SPILL. EVACUATE ALL NON-ESSENTIAL PERSONNEL. USE PROPER PROTECTIVE EQUIPMENT. PASS/ABSORBENT MATERIAL CAN BE USED. JET FUEL WILL FLOA T ON WATER. NOTIFY NATIONAL RESPONSE CENTER.
Neutralizing Agent:

NONE SPECIFIED BY MANUFACTURER.

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===== Handling and Storage =====

Handling and Storage Precautions:USE SPECIAL SLOW LOAD PROCEDURES FOR "SWITCH LOADING" TO AVOID STATIC IGNITION HAZARD. KEEP CONTAINERS CLOSED AND AWAY FROM HEAT AND IGNITION SOURCES.

Other Precautions:ALL ELECTRICAL EQUIPMENT IN AREAS WHERE PRODUCT IS STORED/HANDLED SHOULD BE INSTALLED IN ACCORDANCE WITH APPLICABLE REQUIREMENTS OF THE NATIONAL ELECTRIC CODE.

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===== Expo
sure Controls/Personal Protection =====

Respiratory Protection:NOT NORMALLY REQUIRED. IF EXCESSIVE MIST OR VAPORS RESULT FROM CONDITIONS OF USE, WEAR PROPER NIOSH/MSHA-APPROVED RESPIRATORY EQUIPMENT.

Ventilation:USE ADEQUATE VENTILATION TO KEEP VAPOR CONCENTRATIONS OF THIS MATERIAL BELOW THE OCCUPATIONAL EXPOSURE LIMITS.

Protective Gloves:IMPERVIOUS

Eye Protection:CHEMICAL GOGGLES, FACE SHIELD

Other Protective Equipment:IMPERVIOUS APRON, BOOTS, EMERGENCY EYEWASH STATION AND SHOWER.

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health

LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. DISCARD CONTAMINATED SHOES. DO NOT USE THIS PRODUCT AS A CLEANING AGENT. EMPHY CONTAINERS RETAIN SOME LIQUID AND VAPOR RESIDUES, AND HAZARD PRECAUTIONS MU ST BE OBSERVED WHEN HANDLING EMPTY CONTAINERS.

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===== Physical/Chemical Properties =====

HCC:F4

Boi

ling Pt:B.P. Text:300F,149C

Melt/Freeze Pt:M.P/F.P Text: