

CHEVRON U S A INC -- JET FUEL A -- 9130-01-305-4097

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===== Product Identification =====

Product ID:JET FUEL A

MSDS Date:04/22/1990

FSC:9130

NIIN:01-305-4097

MSDS Number: BNBDC

=== Responsible Party ===

Company Name:CHEVRON U S A INC

Address:575 MARKET ST

Box:7643

City:SAN FRANCISCO

State:CA

ZIP:94120

Country:US

Info Phone Num:800-457-2022

Emergency Phone Num:800-457-2022

CAGE:81230

=== Contractor

Identification ===

Company Name:CHEVRON PRODUCTS COMPANY LUBRICANTS AND SPECIALTY PRODUCTS

Address:6001 BOLLINGER CANYON RD

Box:City:SAN RAMON

State:CA

ZIP:94583

Country:US

Phone:800-414-6737 / 800-582-3835

CAGE:81230

Company Name:GARRETT CORP (800-457-2022)

CAGE:2H441

Company Name:MONTGOMERY AVIATION CORP.

Box:92

City:MONTGOMERY

State:AL

ZIP:36101-0092

Country:US

Phone:205-288-7334

CAGE:5D566

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===== Composition/Information on Ingredients =====

Ingred Name:JET A TURBINE FUEL (

CONTAINS CAS 8008-20-6 (KEROSENE), AND
OTHER MIDDLE DISTILLATES.

Fraction by Wt: >97%

Other REC Limits:NONE SPECIFIED

OSHA PEL:100 PPM (STODDARD)

ACGIH TLV:100 PPM (STODDARD)

Ingred Name:NAPHTHALENE (SARA III)

CAS:91-20-3

RTECS #:QJ0525000

Fraction by Wt: 5 ML/KG

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

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

Health Hazards Acute and Chronic:ACUTE: INHALATION MAY CAUSE CENTRAL
NERVOUS SYSTEM EFFECTS. ASPIRATION OF OIL INTO LU
NGS AFTER

INGESTION MAY CAUSE PNEUMONITIS WHICH MAY BE FATAL. CHRONIC: EYE
AND SKIN IRRITATION, DERMATITIS.

Explanation of Carcinogenicity:MANUFACTURER STATES ANIMAL SKIN TESTS
HAVE PRODUCED SKIN CANCER, TUMORS AND KIDNEY DAMAGE IN RODENTS.

Effects of Overexposure:EYE/SKIN: IRRITATION. INHALATION: HEADACHE,
DIZZINESS, LOSS OF APPETITE, WEAKENESS, AND LOSS OF COORDINATION.
INGESTION: IRRITATION.

Medical Cond Aggravated by Exposure:PRE-EXISTING RESPIRATORY, KIDNEY,
CENTRAL

NERVOUS SYSTEM OR SKIN DISEASES MAY BE AGGRAVATED BY
EXPOSURE TO THIS PRODUCT.

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First Aid Measures
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First Aid:EYES: FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. IF
IRRITATION PERSISTS, SEE DOCTOR. SKIN: WIPE EXCESS OIL OFF WITH A
DRY CLOTH. WASH WITH SOAP AND WATER WHILE REMOVING CONTAMINATED
CLOTHING AND SHOES. INHALATION: REMOVE VICTIM TO FRESH AIR. GIVE
OXYGEN/CPR IF NEEDED. SEE DOCTOR. INGESTION: DO NOT INDUCE
V
OMITING. SEE DOCTOR IMMEDIATELY.

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Fire Fighting Measures
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Flash Point Method:TCC

Flash Point:100F,38C

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY
CHEMICAL. WATER STREAM MAY SPLASH AND SPREAD FLAMING LIQUIDS.

Fire Fighting Procedures:FIREFIGHTERS WEAR SELF-CONTAINED BREATHING
APPARATUS AND PROTECTIVE CLOTHING. USE WATER SPRAY TO COOL FIRE
EXPOSED CONTAINERS.

Unusual Fire/Explosion Hazard:INVISIBLE VAPOR SPREADS EASILY

AND CAN

CATCH FIRE AND BURN WITH EXPLOSIVE VIOLENCE. FIRE HAZARD IS GREATER AS LIQUID TEMPERATURE RISES ABOVE 85F.

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

Spill Release Procedures: REMOVE PERSONNEL. ELIMINATE IGNITION SOURCES. VENTILATE AREA. WEAR PROTECTIVE CLOTHING AND EQUIPMENT. STOP LEAK IF IT CAN BE DONE SAFELY. CONTAIN SPILL. ABSORB IN INERT MATERIAL AND PLACE IN APPROPRIATE DISPOSAL CONTAINER. WASH AREA WITH SOAP & WATER.

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

Handling and Storage Precautions: STORE IN CLOSED CONTAINERS OR TANKS IN WELL VENTILATED AREA. KEEP AWAY FROM EXCESSIVE HEAT, IGNITION SOURCES OR OXIDIZERS. DO NOT CUT OR WELD CONTAINER
Other Precautions: PROTECT CONTAINERS FROM PHYSICAL DAMAGE. USE NON-SPARKING TOOLS AND EXPLOSION-PROOF EQUIPMENT. PREVENT STATIC ELECTRIC SPARKS. PROCEDURES FOR SLOW INITIAL LOADING RATE MUST BE FOLLOWED. NO SMOKING IN AREAS OF USE.

===== Exposure Controls/Personal Protection =====

Respiratory Protection: NIOSH/MSHA-APPROVED RESPIRATOR OR SCBA AS APPROPRIATE FOR EXPOSURE OF CONCERN.
Ventilation: EXPLOSION-PROOF MECHANICAL (GENERAL) VENTILATION.
Protective Gloves: NEOPRENE OR NITRILE RUBBER GLOVES.
Eye Protection: CHEMICAL SAFETY GOGGLES.
Other Protective Equipment: PROTECTIVE CLOTHING AS REQUIRED TO MINIMIZE EXPOSURE FROM PROLONGED OR REPEATED CONTACT. EYE BATH AND SAFETY SHOWER.
Work Hygienic Practices:
DO NOT WEAR OIL CONTAMINATED CLOTHING. DO NOT PUT OILY RAGS INTO POCKETS. WASH AFTER HANDLING AND BEFORE EATING.
Supplemental Safety and Health
DO NOT USE IN PORTABLE KEROSENE HEATERS DESIGNED FOR K-1, OR IN UNVENTED HEATERS, TOXIC FUMES MAY ACCUMULATE AND CAUSE DEATH.

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

HCC:F4
Boiling Pt: B.P. Text: 400F, 204C
Vapor Pres: LOW
Vapor Density: >1
Spec Gravity: 0.85
Evaporation Rate & Reference: LOW
Solubility in Water: INSOLU

BLE.

Appearance and Odor:PALE YELLOW LIQUID

Percent Volatiles by Volume:100

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES
OF IGNITION

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE, THICK
BLACK SMOKE AND UNDETERMINED HYDROCARBON COMPOUNDS DURING
COMBUSTION.

===== Disposal Considerations ==

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Waste Disposal Methods:CONTACT YOUR LOCAL ENVIRONMENTAL OFFICER.
DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL
REGULATIONS. CONTAMINATED ABSORBENT MATERIAL MAY BE DISPOSED OF IN
APPROVED CHEMICAL WASTE LANDFILL S. RCRA HAZARDOUS WASTE NUMBER
D001.

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