

MONTANA REFINING CO -- JET FUEL, JET A -- 9130-00-359-2026

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Product Identification
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Product ID:JET FUEL, JET A

MSDS Date:01/01/1987

FSC:9130

NIIN:00-359-2026

MSDS Number: BNBRP

=== Responsible Party ===

Company Name:MONTANA REFINING CO

Address:1900 10TH STREET

City:GREAT FALLS

State:MT

ZIP:59414-1099

Country:US

Info Phone Num:406-761-4100

Emergency Phone Num:406-761-4100/800-424-9300(CH

EMTREC)

CAGE:6E335

=== Contractor Identification ===

Company Name:MONTANA REFINING CO

Address:1900 10TH ST

Box:City:GREAT FALLS

State:MT

ZIP:59414-1099

Country:US

Phone:406-761-4100/800-424-9300(CHEMTREC)

CAGE:6E335

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Composition/Information on Ingredients
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Ingred Name:NAPHTHALENE (SARA III)

CAS:91-20-3

RTECS #:QJ0525000

Fraction by Wt: 1-5% %

Other REC Limits:NONE SPECIFIED

OSHA PEL:10 PPM/15 STEL

ACGIH TLV:10 PPM/15 STEL; 9192

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 L

BS

Ingred Name:AROMATIC HYDROCARBONS

CAS:70995-17-8

Fraction by Wt: > 90% %

Other REC Limits:300 PPM TLVIED

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===== Hazards Identification =====

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:CHRONIC TOXICITY, POSSIBLE CANCER,
IRRITATION TO EYES, SKIN AND MUCOUS MEMBRANES, PULMONARY EDEMA,
BRONCHIAL PNEUMONIA,
ASPHYXIATION, LIVER AND KIDNEY DAMAGE, ANEMIA
OR MYOCAARDIAL DAMAGE.

Explanation of Carcinogenicity:NOT LISTED BY NTP, IARC OR OSHA, HOWEVER
MFR STATES CANCER AS A POSSIBLE HEALTH HAZARD.

Effects of Overexposure:IRRITATION OF EYES, SKIN AND MUCOUS MEMBRANES,
DIZZINESS, HEADACHES, RESPIRATORY ARREST, COUGHING, IRREGULAR
HEARTBEAT, MENTAL CONFUSION, VOMITING, BLURRED VISION, FLUSHING OF
FACE, SLURRED SPEECH, DI FFICULTY SWALLOWING, WEAKNESS, PAIN IN
LIMBS, COMA, CONVULSIONS
, INSOMNIA, PSYCHOSIS, TREMORS, EXAGERATED
REFLEXES

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INGESTION: DO NOT INDUCE VOMITING. IMMEDIATELY SEEK MEDICAL
ATTENTION. GIVE WATER TO DILUTE. INHALATION: MAINTAIN RESPIRATIONS,
ASSIST IF NECESSARY. SEEK MEDICAL ATTENTION. EYES: FLUSH WITH WATER
FOR 15 MINUTES. SEEK MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED
CLOTHING. WASH
SKIN WITH SOAP AND WATER. IF IRRITATION PERSISTS,
SEEK MEDICAL ATTENTION.

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

Flash Point Method:TOC

Flash Point:110-165F

Autoignition Temp:Autoignition Temp Text:444F

Lower Limits:0.7 %

Upper Limits:5.0 %

Extinguishing Media:FOAM, DRY CHEMICAL, CARBON DIOXIDE, HALON

Fire Fighting Procedures:MOVE CONTAINER FROM FIRE AREA IF POSSIBLE. USE
WATER TO KEEP FIRE EXPOSED CONTAINERS COOL. USE FOAM FOR SPILL
CONTROL. EXTINGUIS

H ONLY IF FLOW CAN BE STOPPED.

Unusual Fire/Explosion Hazard:EVACUATE A RADIUS OF 1500 FEET FOR UNCONTROLLED FIRES. VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL GREAT DISTANCES AND FLASH BACK.

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

Spill Release Procedures:ELIMINATE ALL SOURCES OF IGNITION. CONTAIN SPILL. USE WATER FOG TO SUPPRESS VAPOR CLOUD. USE SCBA TO AVOID BREATHING VAPORS. ABSORB LIQUID WITH SAND OR CLAY.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:ALL EQUIPMENT AND STORAGE CONTAINERS SHOULD BE PROPERLY GROUNDED. THIS MATERIAL SUBJECT TO OSHA AND DOT REGULATIONS.

Other Precautions:PORTABLE METAL CONTAINERS SHOULD BE BONDED TO THE STORAGE CONTAINER BEFORE TRANSFERRING LIQUID.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATORY PROTECTION

IN AREAS EXCEEDING EXPOSURE LIMITS, THE TYPE TO BE DETERMINED BY THE DEGREE OF EXPOSURE.

Ventilation:USE IN WELL VENTILATED AREA. MECHANICAL EXHAUST SHOULD BE EXPLOSION PROOF.

Protective Gloves:RUBBER

Eye Protection:FACE SHIELD, GOGGLES, SAFETY GLASSES

Other Protective Equipment:COVERALLS, EMERGENCY EYEWASH/SHOWER

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

Supplemental Safety and Health

REMOVE CONTAMINATED CLOTHING AS SOON AS POSSIBLE.

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

HCC:F4

Boiling Pt:B.P. Text:300 - 550F

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Vapor Pres:2 MMHG

Vapor Density:4.5

Spec Gravity:.80

Viscosity:NOT GIVEN

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:INSOLUBLE

Appearance and Odor:CLEAR TO YELLOW LIQUID WITH CHARACTERISTIC HYDROCARBON SMELL

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

Stability Indicator/Materials to

Avoid: YES

STRONG OXIDIZERS

Stability Condition to Avoid: EXTREME TEMPERATURES, SPARKS, OPEN FLAMES

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE

===== Disposal Considerations =====

Waste Disposal Methods: DISPOSE IN ACCORDANCE WITH RCRA REGULATIONS. DO NOT PUT IN SEWERS OR ANY WATER COURSE.

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