

MARATHON OIL COMPANY -- AVIATION TURBINE FUEL JET A -- 9130-00-359-2026

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Product Identification
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Product ID:AVIATION TURBINE FUEL JET A
MSDS Date:05/16/1990
FSC:9130
NIIN:00-359-2026
MSDS Number: BPFXH
=== Responsible Party ===
Company Name:MARATHON OIL COMPANY
Address:539 SOUTH MAIN STREET
City:FINDLAY
State:OH
ZIP:45840
Country:US
Info Phone Num:419-422-2121 OR 800-424-9300
Emergency
Phone Num:419-422-2121 OR 800-424-9300
Preparer's Name:CRAIG M. PARKER
CAGE:HO870
=== Contractor Identification ===
Company Name:MARATHON OIL CO
Address:539 SOUTH MAIN STREET
Box:City:FINDLEY
State:OH
ZIP:45840-3229
Country:US
Phone:419-422-2121, CHEMTREC 800-424-9300
CAGE:16106
Company Name:MARATHON OIL COMPANY
Address:539 SOUTH MAIN STREET
Box:City:FINDLAY
State:OH
ZIP:45840
Country:US
Phone:419-422-2121
CAGE:HO870

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Composition/Information on Ingredients
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Ingred N

ame:HYDROCARBONS, SATURATED
Fraction by Wt: 70-80%
Other REC Limits:NONE RECOMMENDED

Ingred Name:HYDROCARBONS, UNSATURATED
Fraction by Wt: 3-6%
Other REC Limits:NONE RECOMMENDED

Ingred Name:HYDROCARBONS, AROMATIC
Fraction by Wt: 17-20%
Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE:MAY CAUSE

IRRITATION TO THE

EYES,LUNGS OR SKIN AFTER PROLONGED/REPEATED EXPOSURE.EXTREME EXPOSURE/ASPIRATION INTO LUNGS MAY CAUSE LUNG DAMAGE OR DEATH.CHRONIC-NAPHTHALENE IS A POTENTIAL IRRITANT TO EYES,SKIN & LUNGS & MAY DAMAGE THE BLOOD,EYES & KIDNEY AFTER PROLONGED/REPEATED EXPOSURE.

Explanation of Carcinogenicity:API HAS DONE STUDIES INDICATING THAT REPEATED OVER EXPOSURE MAY CAUSE CANCER IN MICE.

Effects of Overexposure:OVEREXPOSURE MAY CAUSE WEAKNESS,HEADACHE, NAUSEA,CO

NFUSION,BLURRED VISION,DROWSINESS AND OTHER NERVOUS SYSTEM EFFECTS;GREATER EXPOSURE MAY CAUSE DIZZINESS,SLURRED SPEECH,FLUSHED FACE, UNCONSCIOUSNESS OR CONVULSIONS.

Medical Cond Aggravated by Exposure:SEE HEALTH HAZARDS SECTION.

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

First Aid:CALL A PHYSICIAN.SKIN:REMOVE CONTAMINATED CLOTHING.WASH SKIN WITH SOAP AND WATER.INHALATION:REMOVE TO FRESH AIR & GIVE CPR/OXYGEN IF NECESSARY.EYES:IMMEDIATELY FLUSH WITH WATER FOR 15

MINUTES WHILE HOLDING EYELIDS OPEN. INGESTION:DO NOT INDUCE VOMITING. CALL PHYSICIAN IMMEDIATELY

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

Flash Point:120F,49C

Autoignition Temp:Autoignition Temp Text:410

Lower Limits:0.7

Upper Limits:5

Extinguishing Media:WATER FOG,CARBON DIOXIDE,FOAM,OR DRY CHEMICAL.USE WATER SPRAY TO DISPERSE VAPOR OR FLUSH SPILLS AWAY FROM EXPOSURES.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A

FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:PRODUCTS OF COMBUSTION MAY CONTAIN CARBON MONOXIDE,CARBON DIOXIDE AND OTHER TOXIC MATERIALS. DO NOT ENTER ENCLOSED OR CONFINED SPACES WITHOUT PROTECTIVE EQUIP.

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

Spill Release Procedures:DIKE SPILL.PREVENT LIQUID FROM ENTERING SEWERS,WATERWAYS OR LOW AREAS.SOAK UP WITH SAWDUST,SAND,OIL DRY OR OTHER ABSORBENT MATERIAL.REMOVE SOURCE OF HEAT,SPARKS,FLAME,IMPACT,FRICTION,& ELECTRICITY.

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

Handling and Storage Precautions:STORE IN ACCORDANCE WITH NATIONAL FIRE PROTECTION ASSOCIATION REGULATIONS.

Other Precautions:MOUSE SKIN PAINTING STUDIES HAVE SHOWN THAT PETROLEUM DISTILLATES CAN CAUSE SKIN CANCER WHEN REPEATEDLY APPLIED AND NEVER WASHED. THE RELATIVE SIGNIFICANCE OF THIS TO HUMAN HEALTH IS UN CERTAIN SINCE T HE PETROLEUM DISTILLATES WERE NOT WASHED

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

Respiratory Protection:SELECT APPROPRIATE NIOSH-APPROVED RESPIRATORY PROTECTION WHERE NECESSARY TO MAINTAIN EXPOSURES BELOW THE ACCEPTABLE LIMITS.

Ventilation:NORMAL VENTILATION

Protective Gloves:NEOPRENE, NITRILE, OR PVA GLOVES

Eye Protection:USE CHEMICAL GOGGLES OR & FACE SHIELD

Other Protective Equipment:COVERALLS IF SPLASHING IS PROBABLE. EYE WASH STATION & SAFETY SHOWER.

Work Hygienic Practices:AVOID CONTACT WITH EYES, SKIN OR CLOTHING. WASH HANDS AFTER USING PRODUCT. DO NOT EAT, DRINK OR SMOKE IN WORK AREA.

Supplemental Safety and Health

PRACTICE GOOD PERSONAL HYGIENE AFTER WORKING WITH THIS MATERIAL.

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

HCC:F4

Boiling Pt:B.P. Text:350F,177C

Vapor Pres:1-10@100F

Vapor Density:4-5 AIR=1

Spec Gravity:0.8

Solubility in Water:INSOLUBLE

Appearance and Odor:CLEAR OR AMBER LIQUID

; FUEL OIL ODOR
Percent Volatiles by Volume:NIL

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS AND FLAMES

Hazardous Decomposition Products:CARBON MONOXIDE, ALDEHYDES, AROMATICS,
AND OTHER HYDROCARBONS AND PARTICULATES

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

Waste Disposal Methods:TREATMENT, STORAGE, TRANSPORTATION AND DISPOSAL

MUST BE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS. WASTE WILL LIKELY BE A D001 HAZARDOUS WASTE.

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