

ASHLAND PETROLEUM CO. DIV OF ASHLAND OIL CO. -- JP-4 -- 9130-00-256-8613

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Product Identification  
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Product ID:JP-4

MSDS Date:11/04/1985

FSC:9130

NIIN:00-256-8613

MSDS Number: BDPGS

=== Responsible Party ===

Company Name:ASHLAND PETROLEUM CO. DIV OF ASHLAND OIL CO.

Address:1409 WINCHESTER AVE.

Box:391

City:ASHLAND

State:KY

ZIP:41114

Info Phone Num:606-329-3333

Emergency Phone Num:606-324-1133

CAGE:1N068

=== Contractor Identification ===

Company Name:ASHLAND INC

Address:1409 WINCHESTER AVE

Box:391

City:ASHLAND

State:KY

ZIP:41114

Country:US

Phone:800-622-6846

CAGE:81355

Company Name:ASHLAND PETROLEUM CO DIV ASHLAND OIL INC

Address:4125 ALGONQUIN PKY

Box:14167

City:LOUISVILLE

State:KY

ZIP:40201

Country:US

Phone:800-274-5263/800-ASHLAND

CAGE:1N068

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Composition/Information on Ingredients  
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Ingred Name:JET FUEL JP-4 (CONTAINING THE FOLLOWING COMPONENTS)

RT

ECS #:NY9340000  
Fraction by Wt: 100%  
Other REC Limits:USAF 8HR TWA 200 PPM

Ingred Name:AROMATIC PETROLEUM HYDROCARBONS (NIOSH REC TLV OF 100  
MG/CUM)  
Fraction by Wt: 30%  
ACGIH TLV:100 PPM (MFR)

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Hazards Identification  
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Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:PRODUCT IS A MILD IRRITANT. MOST  
HAZARDOUS EXPOSURE;EXPOSURE IS TO AIRBORN MIST OR OT  
HER ASPIRATION  
OF LIQUID UNTO LUNGS. PROLONGED/REPEATED OVEREXPOSURE MAY CAUSE  
LIVER OR KIDNEY DAMAGE.  
Explanation of Carcinogenicity:API HAS DONE STUDIES INDICATING THAT  
REPEATED OVER EXPOSURE MAY CAUSE CANCER IN MICE. SEE SUPP DATA.  
Effects of Overexposure:EYE:MILD IRRITATION. SKIN:DRYING,DEFATTING WITH  
PROLONGED/REPEATED CONTACT.  
INHALED:HEAD,NAUSEA,CONFUSION,DROWINWSS.ASPIRATION OF LIQUID MAY  
CAUSE CHEMICAL PNEUMONITIS. INGESTED:G/I IRRITATION,NAUSEA,  
POSSIBLE VOM  
ITING.  
Medical Cond Aggravated by Exposure:NONE EXPECTED

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First Aid Measures  
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First Aid:EYE:FLUSH WITH WATER 15 MIN. SKIN:REMOVE CONTAMINATED  
CLOTHING (LAUNDER BEFORE REUSE) AND THOROUGHLY AREA OF CONTACT WITH  
SOAP AND WATER. INHALED:REMOVE FROM EXPOSURE. RESUSCITATE OR GIVE  
OXYGEN IF NE EDED THEN GET MEDICAL ATTENTION. INGESTED:DO NOT  
INDUCE VOMITING. GET MEDICAL ATTENTION. IF ANY IRRITATION PERSISTS  
OR IS SERVE,GET MEDICAL C  
ARE.

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Fire Fighting Measures  
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Flash Point:60F/15C  
Lower Limits:1.3  
Extinguishing Media:FOAM, CARBON DIOXIDE,DRY CHEMICAL,WATER FOG. WATER  
MAY BE INEFFECTIVE AND MAY SPREAD FIRE IF IMPROPERLY USED.  
Fire Fighting Procedures:USE SELF CONTAINED BREATHING  
APPARATUS,ESPECIALLY IN ENCLOSED AREAS. WATER SPRAY MAY BE USED TO  
COOL FIRE EXPOSED CONTAINERS AND EQUIPMENT.  
Unusual Fire/Explosion Hazard:VAPORS MAY FORM EXPLOSIVE MIXTURES WITH  
AIR. S

ATURATED NEWSPAPERS,RAGS,ETC. MAY UNDERGO SPONTANEOUS COMBUSTION.

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

Spill Release Procedures:ELIMINATE IGNITION SOURCES. USE APPROPRIATE PROTECTIVE EQUIPMENT. CONTAIN LEAK. PREVENT LEAK FROM ENTERING SEWER ,WATER WAY,ETC. RECOVER AS LIQUID. REPORT SPILL IF APPROPRIATE.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE IN COOL AREA AWAY FROM OXIDIZERS AND IGNITION SOURCES. DETACHED STORAGE PREFERRED. GROUND CONTAINERS DURING TRANSFER.

Other Precautions:"EMPTY" CONTAINERS MAY CONTAIN RESIDUE AND/OR FUMES WHICH ARE EXPLOSIVE. DO NOT CUT,WELD,ETC. JP4 HAS AN EXPLOSION HAZARD SIMILAR TO GASOLINE.

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

Respiratory Protection:NOT EXPECTED TO BE NECESSARY. USE NIOSH/MSHA RESPIRATOR IF PRODUCT IS MISTED OR IF TLV/PEL IS EXCEEDED.

Ventilation:USE L

OCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV/PEL IF NORMAL ROOM VENTILATION IS IN SUFFICIENT.

Protective Gloves:RUBBER,PLASTIC,OR OTHER IMPERVIOUS

Eye Protection:SAFETY GLASSES OR SPLASH GOGGLES.

Other Protective Equipment:AS NEEDED TO PREVENT PROLONGED/REPEATED CONTACT.

Work Hygienic Practices:USE GOOD INDUSTRIAL HYGIENE PRACTICE. AVOID UNNECESSARY CONTACT.

Supplemental Safety and Health

MSDS NO 0013941-002 PRODUCT CODE 200504 MFR DOES NOT LIST"BENZENE AS A COMPONENT. OTHER SUPPLIERS DO.

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

HCC:F2

Boiling Pt:B.P. Text:150F/65C

Vapor Density:>1

Spec Gravity:0.751-0:802

Evaporation Rate & Reference:SLOWER THAN ETHER

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR,COLORLESS TO AMBER LIQUUID, KEROSENE ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES STRONG OXIDIZERS.

Stability Condition to Avoi

d:HEAT,IGNITION SOURCES

Hazardous Decomposition Products:CARBON DIOXIDE,CARBON MONOXIDE

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

Waste Disposal Methods:DISPOSE I/A/W FEDERAL,STATE,LOCAL REGULATIONS.  
INCINERATION IS RECOMMENDED FOR DISPOSAL.

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