

BP NORTH AMERICA PETROLEUM INC -- JET A-1 -- 9130-01-180-5540

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

Product ID:JET A-1

MSDS Date:08/16/1990

FSC:9130

NIIN:01-180-5540

MSDS Number: BPVHT

=== Responsible Party ===

Company Name:BP NORTH AMERICA PETROLEUM INC

Address:550 WESTLAKE PARK BLVD SUITE 1800

City:HOUSTON

State:TX

ZIP:77079-2608

Country:US

CAGE:0BF86

=== Contractor Identification ===

Company Name:

AIR BP, BP OIL LTD

Address:CLEVELAND HOPKINS INTL AIRPORT

Box:City:CLEVELAND

State:OH

ZIP:44135

Country:US

Phone:216-267-3550

CAGE:0NDT1

Company Name:BP NORTH AMERICA PETROLEUM INC

Address:550 WESTLAKE PARK BLVD SUITE 1800

Box:City:HOUSTON

State:TX

ZIP:77079-2608

Country:US

Phone:713-558-3443

CAGE:0BF86

Company Name:BP OIL INTERNATIONAL LTD

Address:BRITANNIC HOUSE, MOOR LN

Box:City:LONDON ENGLAND

CAGE:7X331

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

Ingred Name:KEROSE

NE, MAY CONTAIN SMALL AMOUNTS OF PROPRIETARY  
PERFORMANCE ADDITIVES.

CAS:8008-20-6

RTECS #:OA5500000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:100 PPM

ACGIH TLV:100 PPM 9091

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

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

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

Health Hazards Acute and Chronic:PROLONGED OR REPEATED SKIN EXPOSURE  
MAY LEAD TO DERMATITIS. INGESTION OF LARGE AMOUNTS MAY CAUSE  
GAS

TRO-INTESTINAL EFFECTS. THIS MATERIAL WILL INJURE THE LUNGS IF  
ASPIRATION OCCURS. MAY CAUSE IRRITATION TO THE EYES, NOSE & THROAT  
DUE TO EXPOSURE TO VAPOUR, MIST OR FUMES GENERATED DURING NORMAL  
USE.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT  
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT  
CARCINOGENS.

Effects of Overexposure:TRANSIENT STINGING OR REDNESS IF ACCIDENTAL EYE  
CONTACT OCCURS. INGESTION OF LARGE AMOUNTS MAY CAUSE  
DISCOMFORT,  
VOMITING AND DIARRHEA.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:SKIN-WASH THOROUGHLY WITH SOAP/WATER AFTER CONTACT. EYES-WASH  
EYES THOROUGHLY WITH COPIOUS QUANTITIES OF WATER, ENSURING EYELIDS  
ARE OPEN. INGESTION-IF CONTAMINATION OF THE MOUTH OCCURS, WASH IT  
OUT THOROUGHLY WITH WATER. OBTAIN MEDICAL ADVICE IF LARGE  
QUANTITIES ARE SWALLOWED-DO NOT INDUCE V  
OMITING. INHALATION-IF  
INHALATION CAUSES IRRITATION, REMOVE TO FRESH AIR. OBTAIN MEDICAL  
HELP IN ALL CASES

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

Flash Point:111F,44C

Extinguishing Media:EXTINGUISH USING DRY POWDER, FOAM, WATER FOG, OR  
(FOR SMALL FIRES) CARBON DIOXIDE OR BCF.

Fire Fighting Procedures:FIRES IN CONFINED SPACES SHOULD BE DEALT WITH  
BY TRAINED PERSONNEL WEARING BREATHING APPARATUS. FOR MAJOR FIRES  
CALL THE FIRE SERVICE.

Unusual Fir

e/Explosion Hazard:INCOMPLETE COMBUSTION WILL GENERATE SMOKE  
& HAZARDOUS GASES, INCLUDING CARBON MONOXIDE. SPRAY APPLICATIONS  
INCREASES THE FIRE, & POSSIBLY EXPLOSION, HAZARD.

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

Spill Release Procedures:RECOVER ALL SPILLAGE USING ABSORBANTS OR OTHER  
APPROPRIATE COLLECTION TECHNIQUES. DO NOT WASH INTO DRAINAGE SYSTEM.  
ISOLATE SPILLAGE FROM ALL IGNITION SOURCES. IN EVENT OF LARGE SPILL  
INFORM THE LOCAL AUTHORIT  
Y.

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

Handling and Storage Precautions:STORE AT AMBIENT TEMPERATURES AWAY  
FROM IGNITION SOURCES. ENSURE EQUIPMENT IS ELECTRICALLY BONDED &  
EARTHED TO PREVENT STATIC ACCUMULATION.

Other Precautions:CLEAN UP SPILLED MATERIAL IMMEDIATELY. DO NOT ENTER  
STORAGE TANKS BREATHING APPARATUS UNLESS THE TANKS HAS BEEN WELL  
VENTILATED & THE TANK ATMOSPHERE HAS BEEN SHOWN TO CONTAIN  
HYDROCARBON VAPORS LEVEL S OF LESS THAN  
1% OF THE LOW FLAME LIMIT

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

Respiratory Protection:WEAR A NIOSH/MSHA APPROVED CHEMICAL CARTRIDGE  
RESPIRATOR WITH FULL FACEPIECE AND ORGANIC VAPOR CARTRIDGES IN  
COMBINATION WITH A HIGH-EFFICIENCY PARTICULATE FILTER.

Ventilation:LOCAL AND MECHANICAL(GENERAL) EXHAUST TO PROVIDE ADEQUATE  
VENTILATION.

Protective Gloves:IMPERVIOUS GLOVES HSOULD BE WORN

Eye Protection:WEAR FACE VISOR OR GOGGLES

Other Protective Equipment:PR

OTECTIVE CLOTHING SHOULD BE REGULARLY  
INSPECTED AND MAINTAINED; OVERALLS SHOULD BE DRY-CLEANED &  
LAUNDERED.

Work Hygienic Practices:WASH THOROUGHLY AFTER USE AND ALWAYS WASH HANDS  
BEFORE EATING, DRINKING OR USING THE TOILET.

Supplemental Safety and Health

AVOID INHALATION OF MISTS, FUMES OR VAPORS GENERATED DURING USE. AVOID  
EYE CONTACT. AVOID CONTACT WITH SKIN & OBSERVE GOOD PERSONNEL  
HYGIENE. ENSURE GOOD VENTILATION. USE SINGLE-USE DISPOSABLE CLOTHS  
& DISCARD WHEN SOIL

ED.\*\*UNLIKELY TO HARM AQUATIC ORGANISMS. SPILLED  
MATERIAL MAY MAKE SURFACE SLIPPERY.

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

HCC:F4  
Boiling Pt:B.P. Text:156 TO 258C  
Spec Gravity:0.804  
Viscosity:3.5 CST  
Appearance and Odor:PALE YELLOW LIQUID.

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

Stability Indicator/Materials to Avoid:YES  
AVOID CONTACT WITH STRONG OXIDIZING AGENTS.  
Stability Condition to Avoid:STABLE AT AMBIENT TEMPERATURES.  
Hazar  
dous Decomposition Products:THERMAL DECOMPOSITION CAN PRODUCE A  
VARIETY OF COMPOUNDS, THE PRECISE NATURE OF WHICH WILL DEPEND ON  
THE DEC. CONDITIONS

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

Waste Disposal Methods:DISPOSE OF BY INCINERATION OR OTHER SUITABLE  
MEANS UNDER CONDITIONS APPROVED BY THE LOCAL AUTHORITY. DISPOSAL OF  
LARGE QUANTITIES SHOULD BE AFFECTED BY SPECIALIST PERSONNEL.

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