

AIR BP, BP OIL LTD -- JET A-1 -- 9130-01-031-5816

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

Product ID:JET A-1

MSDS Date:08/16/1990

FSC:9130

NIIN:01-031-5816

MSDS Number: BPVGD

=== Responsible Party ===

Company Name:AIR BP, BP OIL LTD

Address:CLEVELAND HOPKINS INTL AIRPORT

City:CLEVELAND

State:OH

ZIP:44135

Country:US

Info Phone Num:216-267-3550

Emergency Phone Num:216-267-3550

CAGE:0NDT1

=== 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 OIL INTERNATIONAL LTD

Address:BRITANNIC HOUSE, MOOR LN

Box:City:LONDON ENGLAND

CAGE:7X331

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

Ingred Name:KEROSENE, MAY CONTAIN SMALL AMOUNTS OF PROPRIETARY  
PERFORMANCE ADDITIVES.

CAS:8008-20-6

RTECS #:OA5500000

Other REC Limits:NONE RECOMMENDE

D  
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  
GASTRO-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.

===== Fi  
rst 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 VOMITING. 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 Fire/Explosion Hazard:INCOMPLETE COMBUSTION WILL GENERATE SMOKE  
& HAZARDOUS GASES, INCLUDING CARBON MONOXIDE. SPRAY APPLICATIONS  
IN

CREASES 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 AUTHORITY.

===== 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:PROTECTIVE CLOTHING SHOULD BE REGULARLY INSPECTED AND MAINTAINED; OVERALLS SHOULD BE DRY-CLEANED & LAUNDERED.

Work Hygienic Practi

ces: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 SOILED.\*\*UNLIKELY TO HARM AQUATIC ORGANISMS. SPILLED MATERIAL MAY MAKE SURFACE SLIPPERY.

===== Physical/Chemical Properti

es =====

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.

Hazardous 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.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatso-

ever,

expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.