

KUWAIT PETROLEUM BVBV -- AVIATION FUEL JET A-1 -- 9130-01-180-5540

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

Product ID:AVIATION FUEL JET A-1

MSDS Date:11/27/1986

FSC:9130

NIIN:01-180-5540

MSDS Number: BRHBQ

=== Responsible Party ===

Company Name:KUWAIT PETROLEUM BVBV

Address:BOOMPJES 55 POSTBUS 8300

City:3009 AH ROTTERDAM NETHERLANDS

CAGE:H6714

=== Contractor Identification ===

Company Name:KUWAIT PETRO

LEUM BVBV

Address:BOOMPJES 55 POSTBUS 8300

Box:City:3009 AH ROTTERDAM, NETHERLANDS

Country:NL

CAGE:H6714

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

Ingred Name:MIXTURE OF PETROLEUM HYDRCARBONS AND SELECTED ADDITIVES

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

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

Health Hazards Acute a

nd Chronic:ACUTE: CONTACT MAY CAUSE EYE

IRRITATION. INHALATION OF HIGH CONCENTRATION OF VAPOR MAY CAUSE  
RESPIRATORY IRRITATION AND CENTRAL NERVOUS SYSTEM DEPRESSION. NO  
HEALTH EFFECTS NOTED FOR INGESTION. CHRONI C: PROLONGED OR REPEATED  
EXPOSURE MAY CAUSE SKIN IRRITATION.

Explanation of Carcinogenicity:NO INGREDIENTS OF A CONCENTRATION OF

0.1% OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Effects of Overexposure:INHALED: COUGHING, SHORTNESS OF BREATH,

DIZZ

INESS, NAUSEA, HEADACHE, DROWSINESS. EYES: REDNESS, TEARING,  
DISCOMFORT. SKIN: REDNESS, DISCOMFORT. INGESTED: NONE NOTED.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALED: REMOVE TO FRESH AIR. PROVIDE RESPIRATORY SUPPORT AS  
NEEDED. SEE DOCTOR. EYES: FLUSH WITH LOTS OF WATER FOR 15 MINUTES,  
HOLD LIDS OPEN. SEE DOCTOR. SKIN: WASH WITH SOAP AND WATER.  
INGESTED: DO NOT INDUCE  
VOMITING! GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point Method:PMCC  
Flash Point:>100F,>38C  
Autoignition Temp:Autoignition Temp Text:>200C  
Lower Limits:0.7  
Upper Limits:5  
Extinguishing Media:DRY CHEMICAL, FOAM, CARBON DIOXIDE  
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND  
PROTECTIVE CLOTHING. USE WATER TO COOL FIRE EXPOSED CONTAINERS.  
Unusual Fire/Explosion Hazard:MODERATE FLAMMABILITY HAZARD WHEN EXPO  
SED  
TO HEAT OR FLAME. AVOID ELECTROSTATIC BUILD UP.

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

Spill Release Procedures:ELIMINATE ALL SOURCES OF IGNITION. CONTAIN  
SPILL. DO NOT ALLOW INTO SEWERS OR WATERWAYS. NOTIFY AUTHORITIES  
IF SPILL ENTERS WATERWAYS. PUMP INTO SALVAGE TANKER. ABSORB  
REMAINDER WITH INERT MATERIALS AND PLACE IN A CONTAINER FOR LATER  
DISPOSAL.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL-VENTILATED  
PLACE AWAY FROM SOURCES OF IGNITION AND STRONG OXIDIZING AGENTS.  
Other Precautions:AVOID PROLONGED OR REPEATED SKIN CONTACT. AVOID  
INHALATION OF VAPORS OR MISTS. DO NOT WEAR CONTAMINATED CLOTHES.  
AVOID CONTACT WITH STRONG OXIDIZING AGENTS OR SOURCES OF IGNITION.

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

Respiratory Protection:NONE NORMALLY REQUIRED. IF

## ENGINEERING CONTROLS

FAIL OR NON-ROUTINE OR EMERGENCY OCCURS; USE NIOSH/MSHA APPROVED RESPIRATOR OR SUPPLIED AIR RESPIRATOR OR SCBA, AS REQUIRED. USE IAW 29 CFR 1910.134.

Ventilation:USE ADEQUATE MECHANICAL VENTILATION.

Protective Gloves:WORK GLOVES, NITRILE

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:OVERALLS. EYE WASH STATION & SAFETY SHOWER.

Work Hygienic Practices:WASH HANDS AFTER USE.

Supplemental Safety and Health

===== Physic

al/Chemical Properties =====

HCC:F4

Boiling Pt:B.P. Text:>266F,>130C

Melt/Freeze Pt:M.P/F.P Text: