

REPSOL OIL INTL LTD -- TURBINE AVIATION FEUL NATO F-34 (JP-8) -- 9130-01-031-5816

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

Product ID:TURBINE AVIATION FEUL NATO F-34 (JP-8)

MSDS Date:03/16/1992

FSC:9130

NIIN:01-031-5816

MSDS Number: BNBS

=== Responsible Party ===

Company Name:REPSOL OIL INTL LTD

Address:20 GREENVILLE ST

City:ST. HELLIER, JERSEY CHANNEL ISLAND

Country:UK

CAGE:0KST4

=== Contractor Identifi

fication ===

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Address:20 GREENVILLE ST

Box:City:ST. HELLIER, JERSEY CHANNEL ISLAND

Country:UK

CAGE:0KST4

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

Ingred Name:AROMATICS

Fraction by Wt: 25% MAX

Other REC Limits:NONE SPECIFIED

OSHA PEL:100 PPM

ACGIH TLV:100 PPM

Ingred Name:OLEFINS

Fraction by Wt: 5% MAX

Other REC Limits:NONE SPECIFIED

Ingred Name:NAPHTHALENE

Fraction by Wt: 3% MAX

Other REC Limits:NONE SPECIFIED

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Hazards Identification =====

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

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

Health Hazards Acute and Chronic:EXPOSURE TO THIS MATERIAL MAY CAUSE CARDIAC SENSITIZATION. LONG TERM TESTS SHOW THAT SIMILIAR PETROLEUM DISTILLATES HAVE PRODUCED SKIN. LIVER AND KIDNEY YUMOR IN LAABORATORY ANIMALS. AVOID PROLONGED O R REPEATED SKIN CONTACT, POTENTIAL REPRODUCTIVE HAZARD. INHALATION CAUSES IRRITATION TO THE

NOSE, THROAT AND LUNGS.

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

Effects of Overexposure:INHALATION CAUSES DIZZINESS, LOSS OF COORDINATION, COMA AND DEATH DEPENDING ON THE CONCENTRATION/DURATION OF EXPOSURE. PROLONGED OR REPEATED CONTACT WITH THIS MATERIAL MAY RESULT IN SKIN RESORTION AND PRODUCE TOXIC EFFECTS. INGESTION CAN IRRITATE CAN CAUSE MALISA, VOMITING,

DIARRHEA AND RESTLESSNESS.

Medical Cond Aggravated by Exposure:PERSONAL WITH PRE-EXISTING CENTRAL NERVOUS SYSTEM DISEASE, SKIN DISORDERS OR CHRONIC RESPIRATORY DISEASE SHOULD AVOID EXPOSURE TO THIS PRODUCT.

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

First Aid:AVOID VOMITING. SUPPLY ALOT OF LIQUID. SUPPLY OXYGEN.

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

Flash Point Method:PMCC

Flash Point:>100F,>38C

Lower Limits:0.6%

Upper Limit

s:3.7%

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures:DO NOT ENTER SANY ENCLOSED OR CONFINED FIRE SPACES WITHOUT PROPER PROTECTIVE EQUIPMENT (SELF-CONTAINED BREATHING APPARATUS). COOL TANKS EXPOSED WITH WATER.

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

Spill Release Procedures:CONTROL SPILLAGE WITH SAND AND USING WATER FOR SENDING PRODUCT TO DRAINAGE SYSTEM.

===== Handling and Storage

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Handling and Storage Precautions:KEEP CONTAINERS CLOSED AND AWAY FROM
HEAT AND IGNITION SOURCESES.

Other Precautions:SPECIAL SLOW LOAD PROCEDURES FOR SWITCH LOADING MUST
BE FOLLOWED TO AVOID STATIC IGNITION HAZARDS THAT CAN EXIST WHEN
THIS MATERIAL IS LOADED INTO TANK PERVIOUSLY CONTAINING GASOLINE OR
OTHER LOW FLAS H POINT PRODUCTS.

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Exposure Controls/Personal Protection =====

Respiratory Protection:IN CONFINED SPACES USE ADECUA
TED FILTERS,
SUPPLIED-AIR OR SELF-CONTAINED AIR RESPIRATOR.

Ventilation:NO INFORMATION AVAILIABLE

Protective Gloves:YES

Eye Protection:YES

Other Protective Equipment:NO INFORMATION AVAILIABLE

Work Hygienic Practices:WASH HANDS BEFORE EATING, DRINKING, SMOKING OR
USING THE TOILET.

Supplemental Safety and Health

EMPTY CONTAINERS RETAIN SOME LIQUID AND VAPOR RESIDUES AND HAZARD
PRECAUTIONS MUST BE OBSERVED WHEN HOLDING EMPTY CONTAINERS.

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Physical/Chemical Properties =
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HCC:F4

Melt/Freeze Pt:M.P/F.P Text:-53F,-47C

Spec Gravity:0.755-0.340

Solubility in Water:NEGLIGIBLE

Appearance and Odor:NEARLY COLORLESS, KEROSENE ODOR.

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Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS, AKLAIS AND OXIDIZERS SUCH AS WATER, LIQUID CHLORINE AND
OXYGEN.

Stability Condition to Avoid:HEAT & IGNITION SOURCES.

Hazardous Decomposition Products:BURNING MAY PRODUCE CARBON MONOXIDE
AND O

OTHER HARMFUL GASES/VAPORS INCLUDING OXIDES OF OTHER COMPOUNDS
OF SULFUR.

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

Waste Disposal Methods: BURN CONTAMINATED SOIL.

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