

REPSOL PETROLEO, S.A. -- FUEL NAVAL DISTILLATE (F76) -- 9140-00-274-1912

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

Product ID:FUEL NAVAL DISTILLATE (F76)

MSDS Date:03/16/1992

FSC:9140

NIIN:00-274-1912

MSDS Number: BMZST

=== Responsible Party ===

Company Name:REPSOL PETROLEO, S.A.

Address:VALLE DEESCOMBRERAS

Box:61

City:CARTAGENA

ZIP:30290

Country:YB

Info Phone Num:34-68-12-93-06/394

Emergency Phone Num:34-68-12-93-06/394

CAGE:KO891

=== Contractor Identification ===

C

Company Name:DEFENSE FUEL SUPPLY CTR

Box:City:CAMERON STATION

State:VA

ZIP:22314

Country:US

Phone:202-545-6700

CAGE:52838

Company Name:REPSOL OIL INTL LTD

Address:20 GREENVILLE ST

Box:City:ST. HELLIER, JERSEY CHANNEL ISLAND

Country:UK

CAGE:0KST4

Company Name:REPSOL PETROLEO, S.A.

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

Ingred Name:DIESEL FUEL

Other REC Limits:N

ONE SPECIFIED
OSHA PEL:5 MG/M3 OIL MIST
ACGIH TLV:5 MG/M3 OIL MIST

Ingred Name:ADDITIVES: KEROFLUX II
Other REC Limits:1000 PPM (MFR)

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: MODERATE SKIN IRRITATION.
INHALATION MAY CAUSE IRRITATION TO NOSE, THROAT AND LUNGS, CENTRAL
NERVOUS SYSTEM EFFECTS. ASPIRATION OF OIL IN
TO LUNGS AFTER
INGESTION MAY CAUSE PNEUMONITIS. CHRONIC: EYE AND SKIN IRRITATION,
DERMATITIS.
Explanation of Carcinogenicity:MANUFACTURER DID NOT INDICATE THE
PRESENCE OF CARCINOGENS IN THIS PRODUCT.
Effects of Overexposure:HEADACHE, DIZZINESS, NAUSEA, VOMITING, LOSS OF
COORDINATION, RASH OF ACNE, PIMPLES AND SPOTS (USUALLY ON ARMS AND
LEGS).
Medical Cond Aggravated by Exposure:INDIVIDUALS WITH A HISTORY OF SKIN
AND RESPIRATORY DISORDERS MAY BE AT INCREASED RISK FROM EXP
OSURE.

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

First Aid:EYES: FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. IF
IRRITATION PERSISTS, SEE DOCTOR. SKIN: WIPE EXCESS OIL OFF WITH A
DRY CLOTH. WASH WITH SOAP AND WATER WHILE REMOVING CONTAMINATED
CLOTHING AND SHOES. INHALATION: REMOVE VICTIM TO FRESH AIR. GIVE
OXYGEN/CPR IF NEEDED. SEE DOCTOR. INGESTION: DO NOT INDUCE
VOMITING. SEE DOCTOR.

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

Flash Point Method:PMCC
Flash Point:131F,55C
Lower Limits:6
Upper Limits:13.5
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY
CHEMICAL.
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND
PROTECTIVE CLOTHING. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.
Unusual Fire/Explosion Hazard:MODERATELY COMBUSTIBLE. IT CAN BURN IN
THE OPEN OR BE EXPLOSIVE IN CONFINED SPACES. MISTS OR SPRAYS MAY BE
FLAMMABLE AT TEMPERATURES BELOW THE FLASH

POINT.

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

Spill Release Procedures:REMOVE PERSONNEL. ELIMINATE IGNITION SOURCES. VENTILATE AREA. WEAR PROTECTIVE CLOTHING AND EQUIPMENT. ABSORB IN INERT MATERIAL AND PLACE IN APPROPRIATE DISPOSAL CONTAINER AND COVER. WASH AREA WITH PLENTY OF SOAP AND WATER.

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

Handling and Storage Precautions:SPECIAL SLOW LOAD PROCEDURES FOR "SWICH LOADING" MUST BE FOLLOWED TO AVOID STATIC IGNITION HAZARD.

KEEP CONTAINERS CLOSED AND AWAY FROM HEAT/IGNITION.

Other Precautions:PROTECT CONTAINERS FROM PHYSICAL DAMAGE. USE NON-SPARKING TOOLS AND EXPLOSION-PROOF EQUIPMENT. PREVENT STATIC ELECTRIC SPARKS. NO SMOKING IN AREAS OF USE.

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

Respiratory Protection:NONE NORMALLY REQUIRED. NIOSH/MSHA-APPROVED RESPIRATOR OR SCBA AS APPROPRIATE FOR EXPOSURE OF CONCERN.

Ventilation:EXPLOSION

-PROOF MECHANICAL (GENERAL) VENTILATION.

Protective Gloves:RUBBER GLOVES.

Eye Protection:CHEMICAL SAFETY GOGGLES.

Other Protective Equipment:PROTECTIVE CLOTHING AS REQUIRED TO MINIMIZE EXPOSURE FROM PROLONGED OR REPEATED CONTACT. EYE BATH AND SAFETY SHOWER.

Work Hygienic Practices:DO NOT WEAR OIL CONTAMINATED CLOTHING. DO NOT PUT OILY RAGS INTO POCKETS. WASH AFTER HANDLING AND BEFORE EATING.

Supplemental Safety and Health

NONE.

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

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HCC:F4

Boiling Pt:B.P. Text:360F,182C

Melt/Freeze Pt:M.P/F.P Text:-4F,-20C

Vapor Pres:NEGLIGIBLE

Vapor Density:>1

Spec Gravity:0.84

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR, VISCOUS AND YELLOW LIQUID. MILD HYDROCARBON ODOR.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF IGNITION

Hazardous Decompos

ition Products:CARBON MONOXIDE, CARBON DIOXIDE,
INCOMPLETELY BURNED CARBON PRODUCTS.

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

Waste Disposal Methods:CONTACT YOUR LOCAL ENVIRONMENTAL OFFICER.
DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL
REGULATIONS. MAXIMIZE PRODUCT RECOVERY FOR RESUSE OR RECYCLING.

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