

BAHRAIN NATIONAL OIL CO. -- F 76 GASOIL -- 9140-00-274-1912

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

Product ID:F 76 GASOIL

MSDS Date:01/01/1987

FSC:9140

NIIN:00-274-1912

MSDS Number: BPFBD

=== Responsible Party ===

Company Name:BAHRAIN NATIONAL OIL CO.

Box:25504

City:AWALI

Country:SA

Info Phone Num:973-753223

Emergency Phone Num:973-753223

CAGE:8J072

=== Contractor Identification ===

Company Name:BAHRAIN NATIONAL OIL CO.

Box:25504

City:AWALI

Phone:973-753223

CAGE:8

J072

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

Ingred Name:PETROLEUM MID-DISTILLATE

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:400 PPM PETR. DIST.

ACGIH TLV:400 PPM RUBBER SOLV.

===== 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: IRRITATION OF ALL BODY TISSUES.

ASPIRATION INTO

LUNGS CAN LEAD TO CHEMICAL PNEUMONIA. CHRONIC:

DERMATITIS.

Explanation of Carcinogenicity:MIDDLE DISTILLATE HAS CAUSED SKIN CANCER
IN LABORATORY ANIMALS.

Effects of Overexposure:EYES: MILD IRRITATION. SKIN: IRRITATION,
DERMATITIS. INHALATION: NOSE, THROAT AND LUNG IRRITATION, CENTRAL
NERVOUS SYSTEM DEPRESSION. INGESTION: MOUTH, THROAT AND STOMACH
IRRITATION, NAUSEA, VOMITING, DIARRHEA AND RESTLESSNESS.

ASPIRATION INTO LUNGS WILL CAUSE CHEMICAL PNEUMONIA.

Medical Cond Agg

ravated by Exposure: PERSONS WITH A HISTORY OF SKIN,
RESPIRATORY OR CENTRAL NERVOUS SYSTEM DISORDERS MAY BE AT INCREASED
RISK FROM EXPOSURE.

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

First Aid: EYE: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES.
GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH
WITH SOAP AND WATER. INHALATION: REMOVE TO FRESH AIR. GIVE
OXYGEN/CPR IF NEEDED. SEE DOCTOR IF BREATHING DIFFICULTIES
CONTINUE. IN
GESTION: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

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

Flash Point Method: PMCC
Flash Point: 176F, 80C
Autoignition Temp: Autoignition Temp Text: 662F
Lower Limits: 0.6 APPROX
Upper Limits: 7.5 APPROX
Extinguishing Media: USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY
CHEMICAL. WATER OR FOAM MAY CAUSE FROTHING.
Fire Fighting Procedures: WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A
FULL FACED SELF CONTAINED BREATHING APPARATUS.
COOL FIRE EXPOSED
CONTAINERS WITH WATER SPRAY.
Unusual Fire/Explosion Hazard: MODERATELY COMBUSTIBLE. CAN BURN IN THE
OPEN OR BE EXPLOSIVE IN CONFINED SPACES. COMBUSTION OR HEAT OF FIRE
MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS/VAPORS.

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

Spill Release Procedures: WEAR PROTECTIVE EQUIPMENT, ELIMINATE SOURCES
OF IGNITION, AND VENTILATE AREA AS REQUIRED. ABSORB WITH INERT
MATERIAL. PLACE WASTE IN DOT APPROVED C
ONTAINER FOR DISPOSAL. SPILL
AREA MAY BE SLIPPERY. WASH WITH SOAP AND WATER.

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

Handling and Storage Precautions: STORE IN A COOL, DRY, WELL VENTILATED
AREA AWAY FROM HEAT AND IGNITION SOURCES. KEEP CONTAINER CLOSED
WHEN NOT IN USE. DO NOT USE AS CLEANING AGENT.
Other Precautions: EMPTY CONTAINERS RETAIN RESIDUE. OBSERVE HAZARD
PRECAUTIONS WHEN HANDLING EMPTY CONTAINERS. SPECIAL SLOW LOAD
PROCEDURES FOR "SWITCH

LOADING" MUST BE FOLLOWED WHEN THIS MATERIAL
IS LOADED INTO TANKS P REVIOUSLY CONTAINING GASOLINE.

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

Respiratory Protection:NONE NORMALLY NEEDED. IF VENTILATION DOES NOT
MAINTAIN INHALATION EXPOSURES BELOW PEL (TLV), USE NIOSH/MSHA
APPROVED RESPIRATOR AS PER CURRENT 29 CFR 1910.134,
INSTRUCTIONS/WARNINGS AND NIOSH-RESPIRAT OR SELECTION.

Ventilation:MECHANICAL (GENERAL) VENTILATION IS USUALLY ADEQUATE.

Protective

Gloves:PVC, RUBBER GLOVES

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:SAFETY SHOWER AND EYE BATH. INDUSTRIAL TYPE
WORK CLOTHING AND APRON AS REQUIRED TO AVOID PROLONGED OR REPEATED
CONTACT.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE
EATING OR DRINKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

AVOID EXPOSURE TO DIESEL EXHAUST. NIOSH HAS RECOMMENDED WHOLE DIESEL
EXHAUST BE REGARDED AS POT
ENTIAL CARCINOGEN.

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

HCC:V4

Boiling Pt:B.P. Text:392F,200C

Vapor Pres: