

HONAM OIL REFINERY LTD -- DFW GAS OIL LO PR -- 9140-01-079-5805

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

Product ID:DFW GAS OIL LO PR

MSDS Date:07/18/1992

FSC:9140

NIIN:01-079-5805

MSDS Number: BPCCF

=== Responsible Party ===

Company Name:HONAM OIL REFINERY LTD

Address:20 YOIDO-DONG YONGDUNGPO-KU

City:SEOUL

CAGE:5W181

=== Contractor Identification ===

Company Name:HONAM OIL REFINERY LTD

Address:20 YOIDO

-DONG YONGDUNGPO-KU

Box:City:SEOUL KOREA

CAGE:5W181

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

Ingred Name:PETROLEUM OIL (NO. 2 DIESEL)

CAS:68334-30-5

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

===== 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- MAY CAUSE SLIGHT EYE
IRRITATION. MAY HAVE

SLIGHT TOXICITY BY INGESTION BUT HAS

ASPIRATION HAZARD CAUSING PNEUMONITIS. INHALATION MAY CAUSE
DROWSINESS OR NARCOSIS. PRIMARY SKIN IRRITANT. MAY CAUSE BURNS &
BLISTERING. CHRONIC- MAY CAUSE DERMATITIS.

Explanation of Carcinogenicity:NIOSH RECOMMENDS THAT WHOLE DIESEL
EXHAUST BE REGARDED AS A "POTENTIAL OCCUPATIONAL CARCINOGEN".

Effects of Overexposure:MAY CAUSE SLIGHT EYE IRRITATION. MAY HAVE
SLIGHT TOXICITY BY INGESTION BUT HAS ASPIRATION HAZARD CAUSING
PNEUMONITIS.

INHALATION MAY CAUSE DROWSINESS OR NARCOSIS. PRIMARY
SKIN IRRITANT. MAY CAUSE BURN S & BLISTERING.
Medical Cond Aggravated by Exposure:PRE-EXISTING DERMATITIS MAY BE
AGGRAVATED.

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

First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN:WASH WITH
SOAP & WATER. EYE:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS
OPEN. INHALED:REMOVE TO FRESH AIR & PROVIDE OXYGEN/CPR IF NEEDED.
ORAL:DO NOT INDUCE VOMITING.
IF VOMITING OCCURS,KEEP HEAD BELOW
HIPS TO PREVENT ASPIRATION. CALL A PHYSICIAN.

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

Flash Point Method:PMCC
Flash Point:176F,80C
Autoignition Temp:Autoignition Temp Text:350C
Extinguishing Media:WATER SPRAY, CO2, FOAM/DRY CHEMICAL. WATER SPRAY
MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL & FLUSH SPILLS
AWAY.
Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND
NIOSH-APPROVED SELF-CONTAINED BREATHING APP
ARATUS WITH FULL
FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.
Unusual Fire/Explosion Hazard:COMBUSTIBLE LIQUID.

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

Spill Release Procedures:THIS MATERIAL IS CONSIDERED TO BE A WATER
POLLUTANT AND RELEASES OF THIS PRODUCT SHOULD BE PREVENTED.
ELIMINATE ALL OPEN FLAMES. STOP SOURCE OF THE LEAK. CONTAIN LIQUID.
CLEAN UP SPILL USING APPROPRIATE TECHNIQUES SUCH AS ABSORBENT
MATERIALS/PUMPING.
Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORAGE-STORE IN COOL VENTILATED AREA
AWAY FROM FLAME,SPARKS & HOT SURFACES.KEEP CONTAINER CLOSED.
Other Precautions:USE ONLY IN WELL VENTILATED AREA. DO NOT WELD, HEAT
OR DRILL CONTAINER. EMPTY CONTAINER STILL CONTAIN
HAZARDOUS/EXPLOSIVE VAPOR/LIQUID. DO NOT USE PRESSURE TO EMPTY DRUM
OR EXPLOSION MAY RESULT. TOXIC FUMES MAY ACCUMULATE AND CAUSE
DEATH.

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

Respiratory Protection:USE APPROVED RESPIRATORY PROTECTIVE EQUIPMENT FOR CLEANING LARGE SPILLS OR ENTRY INTO LARGE TANKS, VESSELS OR OTHER CONFINED SPACES.

Ventilation:PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:IMPERVIOUS

Eye Protection:CHEMICAL SAFETY GLASSES/GOGGLES

Other Protective Equipment:REMOVE CONTACT LENSES AND WEAR CHEMICAL SAFETY

GLASSES WHERE CONTACT WITH LIQUID MAY OCCUR.

Work Hygienic Practices:WASH HANDS THOROUGHLY AFTER HANDLING THIS PRODUCT.

Supplemental Safety and Health

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

HCC:V4

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

Vapor Pres:LOW

Spec Gravity:0.85

Solubility in Water:NIL

Appearance and Odor:LIQUID- PETROLEUM ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS

Stabil

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

Hazardous Decomposition Products:NONE KNOWN.

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

Waste Disposal Methods:PLACE CONTAMINATED MATERIALS IN DISPOSABLE CONTAINERS AND DISPOSE OF IN A MANNER CONSISTENT WITH APPLICABLE REGULATIONS. CONTACT LOCAL ENVIRONMENTAL OR HEALTH AUTHORITIES FOR APPROVED DISPOSAL OF THIS MATERIAL.

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