

FARMLAND INDUSTRIES INC. PETROLEUM DIVISION -- LOW SULFUR #2 FUEL, #2 DIESEL FUEL, FUEL OIL -- 9140-00-000-0184

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

Product ID:LOW SULFUR #2 FUEL, #2 DIESEL FUEL, FUEL OIL

MSDS Date:10/15/1993

FSC:9140

NIIN:00-000-0184

MSDS Number: BTSCK

=== Responsible Party ===

Company Name:FARMLAND INDUSTRIES INC. PETROLEUM DIVISION

Box:7305

City:KANSAS CITY

State:MO

ZIP:64116-000

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Country:US

Info Phone Num:800-523-3774

Emergency Phone Num:816-251-4000/800-424-9300(CHEMTREC)

CAGE:6G072

=== Contractor Identification ===

Company Name:FARMLAND INDUSTRIES,INC.,BULK PERTOLEUM PROD DIV.

Box:7305

City:KANSAS CITY

State:MO

ZIP:64116-0005

Country:US

Phone:316-251-4000, CHEMTREC 800-424-9300

CAGE:6G072

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

Ingred Name:PETROLEUM MID-DISTILLATE

CAS:68476-34-6

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES:IRRITATION. SKIN:IRRITATION.
INHALATION:LUNG IRRITATION, CNS EFFECTS. INGESTION: MODERATELY
TOXIC; HOWEVER, IF ASPIRATED INTO LUNGS IT MAY CAUSE CHEMICAL
PNEUMONITIS WHICH CAN BE FATAL. CHRONIC:DERMATITIS. TARGET ORGANS:
SKIN, CNS.
Explanation of Carcinogenicity:WHOLE
DIESEL ENGINE EXHAUST IS LISTED AS
A PROBABLE CARCINOGEN BY IARC AND NIOSH.
Effects of Overexposure:EYES:IRRITATION. SKIN:IRRITATION, DRYING EFFECT.
INHALATION: HEADACHE, DIZZINESS, NAUSEA, VOMITING, LOSS OF
COORDINATION.
Medical Condition Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES:FLUSH WITH FRESH WATER FOR 15 MINUTES. SKIN: REMOVE
CONTAMINATED CLOTHING. WASH SKIN THOROUGHLY WITH SOAP AND
WATER.
SEE A DOCTOR IF SYMPTOMS DEVELOP. INHALATION: REMOVE TO FRESH AIR.
INGESTION: GIVE WATER OR MILK TO DRINK AND GET IMMEDIATE MEDICAL
ATTENTION. DO NOT INDUCE VOMITING. CALL PHYSICIAN IMMEDIATELY.

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

Flash Point Method:TCC
Flash Point:140F,60C
Lower Limits:0.6
Upper Limits:7.5
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY
CHEMICAL.
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE
EQUIPMENT AND A
FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL
FIRE EXPOSED CONTAINERS WITH WATER SPRAY.
Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR, MAY SETTLE
AT LOW AREAS OR TRAVEL SOME DISTANCE ALONG THE GROUND TO IGNITION
SOURCES WHERE THEY MAY IGNITE & FLASH BACK.

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

Spill Release Procedures:THIS MATERIAL IS CONSIDERED TO BE A WATER
POLLUTANT AND RELEASES OF THIS PRODUCT

T SHOULD BE PREVENTED.

ELIMINATE ALL OPEN FLAMES. STOP SOURCE OF THE LEAK. DIKE TO CONTAIN LIQUID. RECOVER BY PUMPING OR ABSORB WITH INERT ABSORBENT MATERIALS.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE IN A COOL AREA. KEEP CONTAINERS TIGHTLY CLOSED.

Other Precautions:EMPTY CONTAINERS RETAIN RESIDUE. DO NOT PRESSURIZE, CUT, WELD OR EXPOSE TO HEAT, FLAME, STATIC ELECTRICITY, OR OTHER

SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY.

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

Respiratory Protection:NONE NORMALLY REQUIRED. USE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS IF TLV IS EXCEEDED OR WHEN SPRAYING OR USING IN CONFINED SPACES.

Ventilation:USE THIS MATERIAL ONLY IN WELL VENTILATED AREAS.

Protective Gloves:PVC

Eye Protection:GOGGLES

Other Protective Equipment:WEAR PROTECTIVE CLOTHINGS.

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

Supplemental Safety and Health
NONE

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

HCC:F4

Boiling Pt:B.P. Text:340F,171C

Vapor Pres:1

Evaporation Rate & Reference: