

FARMLAND INDUSTRIES,INC.,BULK PERTOLEUM DIV. -- DISTILLATE FUELS (JET FUEL, FUEL OIL,DIESEL -- 9140-00-247-4366

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Product Identification
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Product ID:DISTILLATE FUELS (JET FUEL, FUEL OIL,DIESEL

MSDS Date:02/01/1989

FSC:9140

NIIN:00-247-4366

MSDS Number: BKSKR

=== Responsible Party ===

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

Box:7305

City:KANSAS CITY

State:MO

ZIP:64116-00

05

Country:US

Info Phone Num:316-251-4000

Emergency Phone Num:316-251-4000

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
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Ingred Name:ALIPHATIC PETROLEUM DISTILLATES

CAS:68476-30-2

Fraction by Wt: >95%

Other REC Limits:NONE SPECIFIED

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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:PRODUCT IS MILDLY IRRITATING TO BODY TISSUES. BREATHING VAPORS MAY PRODUCE CENTRAL NERVOUS SYSTEM DEPRESSION, AND PROLONGED AND/OR REPEATED SKIN CONTACT MAY CAUSE DERMATITIS.

Explanation of Carcinogenicity:MFR CITES ASHLAND PETROLEUM AS REPORTING WEAT TO MODERATE POSITIVE RESULTS OF SKIN CANCER IN MICE.

Effects of Overexposure:EYE:IRRITATION, SKIN:MILD IRRITATION,POSSIBLE DERMATITIS WITH PROLONGED/REPEATED CONTACT. INHALED:RESPIRATORY IRRITATION, NAUSEA, DIZZINESS, HEADACHE. ASPIRATION INTO LUNGS MAY CAUSE CHEMICAL PNEUMON IA. INGESTED:G/I IRRITATION, NAUSEA, VOMITING.

Medical Cond Aggravated by Exposure:NONE GIVEN BY MANUFACTURER (SUPPLIER).

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

First Aid:EYE:FLUSH W/WATER 15 MIN, HOLD LIDS OPEN. SKIN:WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDRER BEFORE REUSE. INHALED:REMOVE TO FRESH AIR. RESTORE BREATHING IF NECESSARY. INGESTED:D O NOT INDUCE VOMITING. GIVE 2 LARGE GLASSES OF MILK OR WATER AND GET IMMEDIATE MEDICAL CARE. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. IF IRRITATION PERSISTS OR IS SEVERE,SEE A DOCTOR.

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

Flash Point:100F,38C

Lower Limits:0.7

Upper Limits:5.0

Ext

inguishing 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:WATER SPRAY MAY CAUSE FROTHING. VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG GROUND OR FLOOR, THEN 'FLASH BACK' FROM A DISTANT IGNITION SOURCE.

===== Accidental Release Measures

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Spill Release Procedures:ELIMINATE SOURCES OF IGNITION. MINOR: ABSORB MATERIAL WITH CLAY, VERMICULITE, OR SIMILAR ABSORBENT MATERIAL. PLACE IN DISPOSAL CONTAINERS. MAJOR: DIKE & CONTAIN SPILL. SHUT OFF LEAKS. REMOVE LIQUID B Y VACUUM OR ABSORBENT.

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

Handling and Storage Precautions:STORE IN AREA AWAY FROM HEAT, SPARKS AND OTHER SOURCES OF IGNITION. KEEP CONTAINERS CLOSED WHEN NOT IN USE.

DETACHED STORAGE IS PREFERABLE.

Other Precautions:'EMPTY' CONTAINERS MAY CONTAIN RESIDUE OR VAPOR. TREAT THEM WITH THE RESPECT DUE FULL ONES. DO NOT CUT,WELD,ETC. ON THEM. GROUND CONTAINERS BEFORE TRANSFERRING LIQUID. AVOID HAVING OPEN ELECTRICAL EQ UIPMENT IN VAPOR AREAS.

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

Respiratory Protection:RESPIRATOR WILL NOT NORMALLY BE NECESSARY. USE NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR OR RESPIRATOR FOR

ORGANIC VAPOR IF EXPOSURE IS ABOVE THE TLV/PEL. SEE 29 CFR 1910.134 FOR REGULATIONS PERTAI NING TO RESPIRATOR USE.

Ventilation:LOCAL AND MECHANICAL EXHAUST RECOMMENDED.

Protective Gloves:IMPERVIOUS

Eye Protection:SAFETY GLASSES OR SPLASH GOGGLES

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER. IMPERVIOUS CLOTHING TO PREVENT PROLONGED OR REPEATED SKIN CONTACT.

Work Hygienic Practices:USE GOOD CHEMICAL HYGIENE PRACTICES. AVOID PROLONGED/REPEATED CONTACT. DO NOT EAT, DRINK OR

SMOKE IN WORK AREA.

Supplemental Safety and Health
NONE

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

HCC:F4

Boiling Pt:B.P. Text:300F,149C

Vapor Pres:1-2 MM

Vapor Density:>1.0

Spec Gravity: