

FARMLAND INDUSTRIES,INC.,BULK PERTOLEUM DIV. -- DISTILLATE FUELS -- 9130-01-305-4097  
===== Product Identification =====

Product ID:DISTILLATE FUELS

MSDS Date:02/01/1989

FSC:9130

NIIN:01-305-4097

MSDS Number: BQWPP

=== Responsible Party ===

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

Box:7305

City:KANSAS CITY

State:MO

ZIP:64116-0005

Country:US

Info Phone Num:316-251-4000

Emergency Pho

ne 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

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

Ingred Name:ALIPHATIC PETROLEUM DISTILLATE

CAS:68476-30-2

Fraction by Wt: >95%

Other REC Limits:NONE RECOMMENDED

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

Rou

tes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO  
Health Hazards Acute and Chronic:VAPORS MAY CAUSE DIZINESS OR  
ASPHYXIATION. INGESTION CAN CAUSE IRRITATION, NAUSEA, VOMITING.  
ASPIRATION INTO LUNGS CAN CAUSE CHEMICAL PNEUMONITIS. CHRONIC:NOT  
PROBABLE.

Explanation of Carcinogenicity:PRODUCTS OF SIMILAR COMPOSITION CAUSED  
WEAK - MODERATE POSITIVE MOUSE SKIN CANCER, MIXED RESULTS IN  
MUTAGENICITY.

Effects of Overexposure:IRRITATION OF EYES AND SKIN. DERMATITIS IS  
POSSIBLE.

Medical Cond Aggravated by Exposure:RESPIRATORY ILLNESSES

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First Aid Measures  
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First Aid:IF OVERCOME BY VAPORS, REMOVE TO FRESH AIR AND GIVE OXYGEN.  
EYE AND SKIN EXPOSURES SHOULD BE WASHED WITH LARGE AMOUNTS OF  
WATER. IF INGESTED, DO NOT INDUCE VOMITING. KEEP WARM AND GET  
MEDICAL HELP.

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Fire Fighting Measures  
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Flash Point Method

:PMCC

Flash Point:#100F,38C

Lower Limits:0.7

Upper Limits:5.0

Extinguishing Media:DRY CHEMICAL, FOAM OR FOG, WATER SPRAY AND CARBON  
DIOXIDE

Fire Fighting Procedures:COOL CONTAINERS WITH WATER, WATER OR FOAM  
SPRAYED INTO CONTAINERS OF HOT BURNING PRODUCT COULD CAUSE FROTHING  
AND ENDANGER FIRE FIGHTERS.

Unusual Fire/Explosion Hazard:EMPTY CONTAINERS CAN EXPLODE WHEN HEAT IS  
APPLIED. VAPORS ARE HEAVIER THAN AIR & MAY TRAVEL ALONG  
GROUND/FLOOR, THEN 'FLASH BACK' FROM DISTANT IGN  
ITION SOURCE.

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Accidental Release Measures  
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Spill Release Procedures:ELIMINATE SOURCES OF IGNITION. STOP LEAK IF  
POSSIBLE. DIKE AREA TO CONTAIN SPILL AND PREVENT RUN-OFF TO  
STREAMS, SEWERS, ETC. PUMP MATERIAL TO SALVAGE VESSEL.

Neutralizing Agent:NO INFORMATION GIVEN ON MSDS BY MFR.

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Handling and Storage  
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Handling and Storage Precautions:KEEP AWAY FROM HEAT SPARKS AND OPEN  
FLAME.

Other Precautions

:NONE

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

Respiratory Protection:CHEMICAL CARTRIDGE RESPIRATOR IF VAPOR  
CONCENTRATION EXCEEDS TLV.

Ventilation:EXPLOSION PROOF IF NEEDED TO MAINTAIN EXPOSURES BELOW TLV.

Protective Gloves:NEOPRENE, OR NITRILE, OTHER RESISTANT

Eye Protection:SPLASH PROOF CHEMICAL SAFETY GOGGLES

Other Protective Equipment:"WHERE OPERATIONS AND EXPOSURE WARRANT."

Work Hygienic Practices:MFR: ? HMIS:USE GOOD INDUSTRIAL HYGIENE  
PRACTICE. AVOID

UNNECESSARY CONTACT. WASH THOROUGHLY BEFORE EATING  
OR DRINKING.

Supplemental Safety and Health

KEY2:KT MSDS IS SKETCHY. THEY CITE ASHLAND PETROLEUM CO AS SOURCE OF  
CARCINOGENICITY INFO, HMIS SUPPLIED THE YES/NO CARCINOGENS. FIELDS  
STARTING WITH "#" INDICATE THAT THE INFORMATION WAS TAKEN FROM THE  
SPECIFICATION RATHER THAN THE MSDS.

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

HCC:F4

NRC/State Lic Num:NONE

Boiling Pt:B.P. Text:#