

FARMLAND INDUSTRIES,INC.,BULK PERTOLEUM PROD DIV. -- #1 DISTILLATE FUEL, Y GRADE --  
9140-00-247-4364

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

Product ID:#1 DISTILLATE FUEL, Y GRADE

MSDS Date:02/22/1991

FSC:9140

NIIN:00-247-4364

MSDS Number: BRJHS

=== Responsible Party ===

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

Box:7305

City:KANSAS CITY

State:MO

ZIP:64116-0005

Country:US

Info Pho

ne Num:316-251-4000

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

CAGE:6G072

=== Contractor Identification ===

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

Box:7305

City:KANSAS CITY

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ZIP:64116-0005

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

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

Ingred Name:ALIPHATIC PETROLEUM SOLVENT

CAS:8008-20-6

RTECS #:OA5500000

Fraction by Wt: >98%

Other REC Limits:NONE SPECIFIED

Ingre

d Name:1,2,4-TRIMETHYLBENZENE (SARA III)  
CAS:95-63-6  
RTECS #:DC3325000  
Fraction by Wt: 1.1%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:25 PPM  
ACGIH TLV:25 PPM; 9293

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Hazards Identification  
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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, AN  
D PROLONGED AND/OR REPEATED SKIN CONTACT MAY CAUSE  
DERMATITIS. TARGET ORGAN:CNS, BLOOD.  
Effects of Overexposure:EYE:IRRITATION. SKIN:MILD IRRITATION.  
INHALATION:RESPIRATORY IRRITATION, NAUSEA, DIZZINESS, HEADACHE.  
INGESTION:G/I IRRITATION, NAUSEA, VOMITING.  
Medical Cond Aggravated by Exposure:SKIN AND RESPIRATORY DISORDERS.

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First Aid Measures  
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First Aid:SKIN:REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER.  
GET MEDICAL ATTE  
ENTION IF IRRITATION PERSISTS. INHALATION:REMOVE TO  
FRESH AIR & RESTORE BREATHING IF NECESSARY. GET MEDICAL ATTENTION.  
EYE:IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING  
EYELIDS OPEN. GET MEDICAL ATTENTION. INGESTION:GET IMMEDIATE  
MEDICAL ATTENTION. DO NOT INDUCE VOMITING. NOTHING BY MOUTH IF  
UNCONSCIOUS.

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Fire Fighting Measures  
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Flash Point Method:TCC  
Flash Point:120F,49C  
Lower Limits:0.7  
Upper Limits:5.0  
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:WATER SPRAY MAY CAUSE FROTHING. VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG GROUND, AND MAY FLASH BACK FROM A DISTANT IGNITION SOURCE. CONTAINER MAY BURST.

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

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 BY 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 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.

===== 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 PERTAIN ING 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  
NO

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

HCC:F4

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

Vapor Pres: