

CENEX/LAND O LAKES AG SERVICES -- KEROSENE,DIESEL FUEL NO 1 D, NO 2 D --  
9140-00-286-5294

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Product Identification  
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Product ID:KEROSENE,DIESEL FUEL NO 1 D, NO 2 D  
MSDS Date:07/01/1987  
FSC:9140  
NIIN:00-286-5294  
MSDS Number: BLXGT  
=== Responsible Party ===  
Company Name:CENEX/LAND O LAKES AG SERVICES  
Box:1450  
City:MINNEAPOLIS  
State:MN  
ZIP:55485-9087  
Country:US  
Info Phone Num:612-451-5151  
E  
mergency Phone Num:612-451-5151  
CAGE:KO281  
=== Contractor Identification ===  
Company Name:CENEX/LAND O LAKES AG SERVICES  
Address:NW 9087  
Box:1450  
City:MINNEAPOLIS  
State:MN  
ZIP:55485-9087  
Country:US  
Phone:612-451-5151  
CAGE:KO281  
Company Name:CENEX/LAND O'LAKES AG SERVICES  
Box:64089  
City:ST PAUL  
State:MN  
ZIP:55164-0089  
Country:US  
Phone:612-451-5151  
CAGE:0LMC0

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Composition/Information on Ingredients  
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Ingred Name:COMPLEX MIXTURE OF PARAFFINIC,OLEFINIC,NAPHTHENIC &  
A

ROMATIC HYDROCARBON

Fraction by Wt: >95%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 OIL MISTS

ACGIH TLV:5 MG/M3 OIL MISTS

Ingred Name:BENZENE (SARA III)

CAS:71-43-2

RTECS #:CY1400000

Fraction by Wt: 100% PPM

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1PPM/5STEL;1910.1028

ACGIH TLV:10 PPM; A2; 9293

EPA Rpt Qty:10 LBS

DOT Rpt Qty:10 LBS

Ingred Name:SULFUR

CAS:7704-34-9

RTECS #:WS4250000

Fraction by Wt: 410F

Lower Limits:0.6%

Upper Limits:8.0%

Extinguishing Media:USE WATER FOG, CARBON DI  
OXIDE, FOAM, OR DRY

CHEMICAL. A FORCED STREAM OF WATER COULD SCATTER FLAMES OF FIRE.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A  
FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED  
CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:MAY FORM WATER VAPOR, CARBON MONOXIDE AND  
CARBON DIOXIDE. WATER RUNOFF TO SEWER MAY CARRY COMBUSTIBLE FUELS &  
CREATE A FIRE/EXPLOSION. MORE FIRE HAZARD IF >85F.

===== Accidental Release

Measures =====

Spill Release Procedures:REMOVE SOURCE OF HEAT, SPARKS, FLAME, FRICTION &  
ELECTRICITY, INCLUDING INTERNAL COMBUSTION ENGINE. USE  
EXPLOSION-PROOF EQUIPMENT TO CLEAN UP. DIKE SPILL. PREVENT LIQUID  
FROM ENTERING SEWERS, WATERWAYS/LOW AREAS. SOAK UP WITH  
SAWDUST, SAND, OIL DRY. SHOVEL/SWEEP

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

Handling and Storage Precautions:STORAGE-STORE IN COOL, DRY  
WELL-VENTILATED AREA IN CLOSED CONTAINER AW

AY FROM HEAT,IGNITION  
SOURCES & OXIDIZERS.

Other Precautions:COMBUSTIBLE LIQUID. USE WITH ADEQUATE VENTILATION.  
AVOID CONTACT WITH EYES, SKIN AND CLOTHING. LAUNDER CONTAMINATED  
CLOTHING BEFORE REUSE. GROUND AND BOUND CONTAINERS TO PREVENT  
STATIC SPARKS. USE EXP LOSION-PROOF ELECTRICAL SERVICES.

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

Respiratory Protection:IN SITUATION WHERE VAPOR CONCENTRATIONS MAY  
EXCEED THE RECOMMENDED EXPOSURE LIMITS, A NIOSH  
-APPROVED ORGANIC

VAPOR CARTRIDGE RESPIRATOR SHOULD BE WORN. USE SELF-CONTAINED  
SUPPLIED-AIR RESPIRATOR FOR E MERGENCIES.

Ventilation:GENERAL DILUTION OR MECHANICAL VENTILATION/EXPLOSION-PROOF  
LOCAL EXHAUST TO KEEP VAPOR BELOW RECOMMENDED EXPOSURE LIMITS

Protective Gloves:NEOPRENE, NITRILE, OR POLYVINYL ALCOHOL

Eye Protection:USE CHEMICAL SAFETY GOGGLES & FACESHIELD

Other Protective Equipment:EYE WASH STATION.BARRIER CREAMS SPECIFIC FOR  
PETROLEUM-BASED MATERIALS MAY BE USED WHEN  
GLOVES ARE IMPRACTICAL.

Work Hygienic Practices:DO NOT TAKE INTERNALLY. AVOID SKIN CONTACT.  
WASH SKIN AFTER USING PRODUCT. DO NOT EAT, DRINK OR SMOKE IN WORK  
AREA.

Supplemental Safety and Health

EMPTY CONTAINERS MAY CONTAIN RESIDUE AND CAN BE DANGEROUS. DO NOT  
PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE TO  
HEAT, FLAME; THEY MAY EXPLODE. DO NOT USE PRESSURE TO EMPTY DRUM OR  
DR UM MAY RUPTURE WITH EXPLOSIVE FORCE.

===== Physical/Chemical Properti  
es =====

HCC:F4

Boiling Pt:B.P. Text:330F,166C

Spec Gravity:0.80 - 0.87

Solubility in Water:INSOLUBLE

Appearance and Odor:WATER WHITE TO YELLOW COLOR LIQUID WITH MILD  
PETROLEUM ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

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

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE

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

Waste Disposal Methods:WASTE MAY BE BURNED IN AN APPROVED INCINERATOR. TREATMENT, STORAGE, TRANSPORTATION AND DISPOSAL MUST BE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS.

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