

CENEX/LAND O LAKES AG SERVICES -- KEROSENE,DIESEL FUEL NO 1 D, NO 2 D --
9140-00-286-5296

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

Product ID:KEROSENE,DIESEL FUEL NO 1 D, NO 2 D
MSDS Date:07/01/1987
FSC:9140
NIIN:00-286-5296
MSDS Number: BPFWL
=== 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
Emergency 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

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

Ingred Name:COMPLEX MIXTURE OF PARAFFINIC,OLEFINIC,NAPHTHENIC &
AR

OMATIC 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 DIO
XIDE, 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 AR EAS.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 AWA

Y 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 G

LOVES 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 Propertie
s =====

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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