

SINCLAIR OIL CORP -- LIGHT FUEL OIL (DIESEL) -- 9140-00-000-0185

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

Product ID:LIGHT FUEL OIL (DIESEL)

MSDS Date:01/01/1992

FSC:9140

NIIN:00-000-0185

MSDS Number: BVGFV

=== Responsible Party ===

Company Name:SINCLAIR OIL CORP

Box:30825

City:SALT LAKE CITY

State:UT

ZIP:84130-0825

Country:US

Info Phone Num:801-524-2853

Emergency Phone Num:307-324-3404,800-424-9300(CH

EMTREC)

Preparer's Name:NONE

CAGE:DO648

=== Contractor Identification ===

Company Name:SINCLAIR MARKETING INC

Address:550 EAST SOUTH TEMPLE

Box:31825

City:SALT LAKE CITY

State:UT

ZIP:84131

Country:US

Phone:801-363-5100

CAGE:5X969

Company Name:SINCLAIR OIL CORP.

Address:550 E. SOUTH TEMPLE

Box:30825

City:SALT LAKE CITY

State:UT

ZIP:84102

Phone:307-324-3404, CHEMTREC 800-424-9300

CAGE:DO648

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

Ingred Name:PETROLEUM MID-DISTILLATE

CAS:8008-20-6  
RTECS #:OA5500000  
Fraction by Wt: 100%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:5 MG/M3 (OIL MIST)  
ACGIH TLV:5 MG/M3 (MIST) 9394

Ingred Name:PRODUCT INCLUDES FOLLOWING INGREDIENTS, NUMBERS 3 AND 4.  
RTECS #:9999999ZZ

Ingred Name:TOLUENE (SARA III)  
CAS:108-88-3  
RTECS #:XS5250000  
Fraction by Wt: 0.1-1.2%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:100 PPM/150 STEL  
ACGIH TLV:SKIN 50 PPM; 9394  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:NAPHTHALENE (SARA III)  
CAS:91-20-3  
RTECS #:QJ0525000  
Fraction by Wt: 0.1-4.0%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:10 PPM/15 STEL  
ACGIH TLV:10 PPM/15 STEL; 9394  
EPA Rpt Qty:100 LBS  
DOT Rpt Qty:100 LBS

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS 7.5 G/KG.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: EYES: IRRITATION. SKIN:  
IRRITATION, BURNS. ABSORPTION MAY  
CAUSE SYMPTOMS OF INTOXICATION.  
INHALATION: HEADACHE, NAUSEA, DIZZINESS, COMA, CNS EFFECTS, DEATH.  
INGESTION: NAUSEA, VOMITING, DIARRHEA. ASPERATION AFTER INGESTION:  
PULMONARY EDEMA, CNS DEPRESSION, LUNG DAMAGE. CHRONIC: KIDNEY,  
BLOOD, AND EYE DAMAGE.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:EYES: IRRITATION. SKIN: IRRITATION, BURNS.  
INHALATION: IRRITATION, HEADACHE, NAUSEA, CONFUSION, DIZZINESS,  
IRREGULAR HEARTBEAT, COMA, CNS EFFECTS, DEATH. INGESTIO

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DISTURBANCES, NAUSEA, VOMITING, DIARRHEA, ABDOMINAL PAIN.

ASPIRATION: PULMONARY EDEMA, CNS DEPRESSION, PERMANENT LUNG DAMAGE.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH AREA WITH SOAP AND WATER. IF INJECTED UNDER SKIN, GET MEDICAL ATTENTION. INHALATION: MOVE TO FRESH AIR. SUPPORT BREATHING AS NEEDED. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

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

Flash Point:100 TO 190F

Autoignition Temp:Autoignition Temp Text:350F

Extinguishing Media:FOAM, DRY CHEMICAL, CARBON DIOXIDE, WATER FOG, VAPORIZING LIQUID (HALON).

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND FULL FACE-PIECE SELF-CONTAINED BREATHING APPARATUS. COOL FIRE

EXPOSED CONTAINERS WITH WATER SPRAY. CONTAIN RUNOFF.

Unusual Fire/Explosion Hazard:VAPORS WILL BE RELEASED ABOVE FLASH POINT AND WHEN MIXED WITH AIR, CAN BURN OR EXPLODE IN CONFINED SPACE IF EXPOSED TO IGNITION SOURCE.

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

Spill Release Procedures:TREAT AS OIL SPILL. REPORT SPILLS TO APPROPRIATE AUTHORITIES. ELIMINATE SOURCES OF IGNITION. CONTAIN SPILL. STOP LEAK. RECOVER FREE LIQUID. ABSORB RESIDUAL LIQUID WITH APPROPRIATE ABSORBENT. PREVENT SPILL FROM CONTAMINATING WATER SUPPLIES.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE CLOSED CONTAINERS IN COOL AREA AWAY FROM IGNITION SOURCES. OUTSIDE/DETACHED STORAGE PREFERRED. GROUND/BOND ALL TRANSFER AND STORAGE EQUIPMENT.

Other Precautions:DRUMS MUST BE GROUNDED/BONDED/EQUIPPED WITH SELF-CLOSING VALVES, PRESSURE VACUUM

BUNGS, FLAME ARRESTORS. USE  
NON-SPARKING TOOLS AND EXPLOSION PROOF EQUIPMENT. DO NOT USE AS A  
CLEANER OR SOLVENT. USE ONLY AS FUEL. DO NOT SIPHON BY MOUTH.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATORY PROTECTION  
WHEN VAPOR OR MIST CONCENTRATIONS ARE UNKNOWN OR EXCEED THE TLV.  
AVOID PROLONGED OR REPEATED BREATHING OF VAPOR OR MISTS.

Ventilation:PROVIDE ADEQUATE VENTILATION THAT WILL MAINTAIN VAPO  
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CONCENTRATIONS TO LEVELS BELOW ALLOWABLE EXPOSURE LIMITS.

Protective Gloves:WEAR IMPERVIOUS PROTECTIVE GLOVES.

Eye Protection:FULL FACE SHIELD, CHEMICAL GOGGLES.

Other Protective Equipment:WEAR IMPERVIOUS CLOTHING AND BOOTS IF  
NEEDED. PROVIDE EYE WASH STATION AND SAFETY SHOWER IN WORK AREA.

Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING,  
DRINKING, OR SMOKING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

DO NOT WEAR CONTACT LENSES WHEN WO  
RKING AROUND THIS PRODUCT. DO NOT

PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL ON OR NEAR THIS  
CONTAINER. EMPTY CONTAINER CONTAINS RESIDUE, MAY EXPLODE IN HEAT OF  
FIRE .

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

HCC:F4

Vapor Pres: