

SINCLAIR OIL CORPORATION -- LIGHT FUEL OIL (DIESEL) -- 9140-00-286-5289

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

Product ID:LIGHT FUEL OIL (DIESEL)

MSDS Date:01/01/1992

FSC:9140

NIIN:00-286-5289

MSDS Number: BVHCM

=== Responsible Party ===

Company Name:SINCLAIR OIL CORPORATION

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, C

HEMTREC 800-424-9300

Preparer's Name:MARKETING DEPARTMENT

CAGE:2X948

=== Contractor Identification ===

Company Name:KIDD OIL CO, INC.

CAGE:5W756

Company Name:SINCLAIR OIL CORPORATION

Box:30825

City:SALT LAKE CITY

State:UT

ZIP:84130-0825

Country:US

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

CAGE:2X948

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

Ingred Name:TOLUENE (SARA III)

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 0.1-1.2%

Other REC Limits:NONE RECOMMENDED

OSHA PE

L:200 PPM/150 STEL  
ACGIH TLV:50 PPM; 9293  
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; 9293  
EPA Rpt Qty:100 LBS  
DOT Rpt Qty:100 LBS

Ingred Name:PETROLEUM DISTILLATES  
Fraction by Wt: BALANCE  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:5 MG/M3 AS OIL MIST  
ACGIH TLV:5 MG/M3 AS OIL MIST

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 7500 MG/KG.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYE: CONTACT MAY CAUSE EYE IRRITATION.  
SKIN: CONTACT MAY IRRITATE OR BURN SKIN. ABSORPTION THROUGH THE  
SKIN MAY CAUSE SYMPTOMS OF INTOXICATION. INHALATION: MAY CAUSE  
WEAKNESS, HEADACHE, NAUSEA, CONFUSION. INGESTION: MAY CAUSE  
NAUSEA, VOMITING DIARRHEA. CHRONIC EFFECTS:  
CTS: IARC CONCLUDED  
INADEQUATE EVIDENCE OF DIESEL FUELS  
Explanation of Carcinogenicity:NIOSH HAS CONCLUDED THAT WHOLE DIESEL  
EXHAUST IS A POTENTIAL OCCUPATIONAL CARCINOGEN.  
Effects of Overexposure:PROLONGED & REPEATED SKIN CONTACT MAY CAUSE  
DERMATITIS. HIGH CONCENTRATIONS OF VAPORS MAY BE IRRITATING TO EYES  
& RESPIRATORY SYSTEM & CNS EFFECTS SUCH AS DIZZINESS, HEADACHE,  
BLURRED VISION, IRREGULAR HEART BEAT, COMA, COLLAPSE & DEATH.  
INGESTION HAS ASPIRATION HAZARD. MAY CAUSE

SE KIDNEY, BLOOD AND EYES  
DAMAGE.

Medical Cond Aggravated by Exposure: PERSONS WITH PRE-EXISTING SKIN  
DISORDERS OR EYE PROBLEMS OR IMPAIRED LIVER, KIDNEY OR RESPIRATORY  
FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THE SUBSTANCE.

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

First Aid: GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN: WASH WITH  
SOAP & WATER. EYE: FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS  
OPEN. INHALATION: REMOVE TO FRESH AIR.  
PROVIDE OXYGEN/CPR IF  
NEEDED. INGESTION: DO NOT INDUCE VOMITING. KEEP AT REST. GET  
PROMPT MEDICAL ATTENTION. NOTE TO PHYSICIAN: MATERIAL IF ASPIRATED  
INTO THE LUNGS MAY CAUSE CHEMICAL PNEUMONITIS. TREAT APPROPRIATELY.

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

Flash Point: 100F, 38C  
Autoignition Temp: Autoignition Temp Text: >350F  
Extinguishing Media: FOAM, DRY CHEMICAL, CARBON DIOXIDE, WATER FOG,  
VAPORIZING LIQUID.  
Fire Fighting Procedures: WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT & A  
FULL FACED SELF CONTAINED BREATHING APPARATUS/SUPPLIED-AIR  
RESPIRATOR. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.  
Unusual Fire/Explosion Hazard: FLAMMABLE LIQUID, MODERATE HAZARD. LIQUID  
CAN RELEASE VAPORS THAT READILY FORM FLAMMABLE MIXTURES AT OR ABOVE  
FLASH POINT. MAY ACCUMULATE STATIC CHARGES.

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

Spill Release Procedures: TREAT SPILL AS AN OIL SPILL. REPORT SPILLS TO  
APPROPRIATE AUTHORITIES. ELIMINATE ALL SOURCES OF IGNITION. REMOVE  
LEAKING CONTAINERS TO A SAFE AREA. SOLIDIFIED MATERIAL CAN BE  
SCRAPED UP FROM GROUND OR REMOVED FROM WATER WITH MECHANICAL  
DREDGES/LIFTS.

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

Handling and Storage Precautions: GROUND AND BOND ALL TRANSFER AND  
STORAGE EQUIPMENT. DRUMS MUST BE GROUNDED/BONDED/EQUIPPED WITH  
SELF-CLOSING VALVES, PRESSURE VACUUM BUNGS.  
Other Precautions: STORE AWAY FROM IGNIT

ION SOURCES IN A COOL AREA.

OUTSIDE OR DETACHED STORAGE IS PREFERRED. USE NON-SPARKING TOOLS AND EQUIPMENT. DO NOT USE AS A CLEANER OR SOLVENT. USE ONLY AS FUEL. DO NOT SIPHON BY MOUTH.

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

Respiratory Protection:APPROVED RESPIRATORY PROTECTION MUST BE USED WHEN VAPOR OR MIST CONCENTRATIONS ARE UNKNOWN OR EXCEED THE TVL. AVOID PROLONGED OR REPEATED BREATHING OF VAPOR OR MISTS.

Ventilation:LOCAL/MECHANICAL (GENERAL) VENTILATION - EXPLOSION PROOF, WELL GROUNDED EQUIPMENTS

Protective Gloves:IMPERVIOUS GLOVES

Eye Protection:CHEMICAL SPLASH GOGGLES & FACE SHIELD

Other Protective Equipment:IMPERVIOUS CLOTHING TO AVOID SKIN AND EYE CONTACT. EYE WASH STATION & SAFETY SHOWER.

Work Hygienic Practices:AVOID CONTACT WITH EYES, SKIN OR CLOTHING. WASH HANDS AFTER USING PRODUCT. AVOID BREATHING VAPORS OR MISTS.

Supplemental Safety and Health  
NONE

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

HCC:F4

Vapor Pres: