

SINCLAIR OIL CORPORATION -- LIGHT FUEL OIL (DIESEL) -- 9140-00-286-5295

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

Product ID:LIGHT FUEL OIL (DIESEL)

MSDS Date:01/01/1992

FSC:9140

NIIN:00-286-5295

MSDS Number: BVHCS

=== 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,

CHEMTREC 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: 0.1-1.0%

Other REC Limits:NONE RECOMMENDED

OSHA P

EL: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: 2-12.5%
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

=====
on =====

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, CONFUS ION. INGESTION: MAY CAUSE
NAUSEA, VOMITING DIARRHEA. CHRONIC EFFE
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, IRREGULA R HEART BEAT, COMA, COLLAPSE & DEATH.
INGESTION HAS ASPIRATION HAZARD. MAY CAU

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
APPROPRI

ATE 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: