

SINCLAIR OIL CORP -- GASOLINE -- 9130-00-264-6218

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

Product ID:GASOLINE  
MSDS Date:01/01/1992  
FSC:9130  
NIIN:00-264-6218  
MSDS Number: BPKVC  
=== Responsible Party ===  
Company Name:SINCLAIR OIL CORP  
Address:550 E SOUTH TEMPLE  
Box:30825  
City:SALT LAKE CITY  
State:UT  
ZIP:84130-0825  
Country:US  
Info Phone Num:801-524-2853/307-324-3404 MEDICAL  
Emergency Phone Num:801-524-270  
0/800-424-9300(CHEMTREC)  
CAGE:2X948  
=== Contractor Identification ===  
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:CYCLOHEXANE (SARA III)  
CAS:110-82-7  
RTECS #:GU6300000  
Fraction by Wt: 1 - 2%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:300 PPM  
ACGIH TLV:300 PPM, 9293  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000

LBS

Ingred Name:BENZENE (SARA III)  
CAS:71-43-2  
RTECS #:CY1400000  
Fraction by Wt: 0.6-4.9%  
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:TOLUENE (SARA III)  
CAS:108-88-3  
RTECS #:XS5250000  
Fraction by Wt: 5.1-6.7%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:200 PPM/150 STEL  
ACGIH TLV:50 PPM; 9293  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA III)  
CAS:1330-20-7  
RTECS #:ZE2100000  
Fraction by Wt: 4- 12.5%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:100 PPM/150 STEL  
ACGIH TLV:100 PPM/150STEL;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: 1.0-1.5%  
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:METHYL TERT-BUTYL ETHER (SARA III)  
CAS:1634-04-4  
RTECS #:KN5250000  
Fraction by Wt: 0 - 15

%  
Other REC Limits:NONE RECOMMENDED  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingrid Name:ETHYL ALCOHOL (ETHANOL)  
CAS:64-17-5  
RTECS #:KQ6300000  
Fraction by Wt: 0 - 10%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:1000 PPM  
ACGIH TLV:1000 PPM; 9293

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES  
Health Hazards Acute and Chronic:ACUTE/CHRONIC-HIGH VAPOR  
CONCENTRATIONS

ARE IRRITATING TO THE EYES & THE RESPIRATORY  
TRACT.MAY CAUSE DIZZINESS,HEADACHE,ARE ANESTHETIC,MAY CAUSE  
UNCONSCIOUSNESS.PROLONGED/REPEATED LIQUID CONTACT WITH SKIN WILL  
DRY & DEFAT SKIN,LEADING TO IRRITATION & DERMATITIS.CONTAINS  
BENZENE WHICH CAUSES BLOOD DISEASE,LEUKEMIA.

Explanation of Carcinogenicity:CONTAINS BENZENE.MAY CAUSE BLOOD  
DISEASES INCLUDING LEUKEMIA.VAPORS MAY CAUSE KIDNEY CANCER IN MALE  
RATS.

Effects of Overexposure:HIGH VAPOR CONCENTRATIONS ARE IRRITATI  
NG TO THE

EYES & THE RESPIRATORY TRACT. MAY CAUSE DIZZINESS, HEADACHE, ARE  
ANESTHETIC, MAY CAUSE UNCONSCIOUSNESS & EVEN DEATH.  
PROLONGED/REPEATED LIQUID CONTACT WITH SKIN WILL DRY & DEFAT SKIN,  
LEADING TO IRRITATION & DERMATITIS. CONTAINS BENZENE WHICH CAUSES  
BLOOD DISEASE,LEUKEMIA

Medical Cond Aggravated by Exposure:BENZENE-INDIVIDUALS WITH LIVER  
DISEASE MAY BE MORE SUSCEPTIBLE TO TOXIC EFFECTS.HEXANE-INDIVIDUALS  
WITH NEUROLOGICAL DISEASE SHOULD AVOID EXPOSURE.PETROL  
EUM  
SOLVENT-THOSE WITH EXISTING DERMATITIS.

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

First Aid:CALL A PHYSICIAN IN ALL CASES.EYES:IMMEDIATELY FLUSH WITH  
WATER FOR 15 MINUTES,HOLDING EYELIDS OPEN.SKIN:WASH WITH SOAP &  
WATER.INHALED:REMOVE TO FRESH AIR & PROVIDE CPR/OXYGEN IF  
NECESSARY.ORAL:DO NOT INDUCE VOMITING.CALL A PHYSICIAN  
IMMEDIATELY.

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

Flash Point:=-42.8C, -45.F  
Autoigni

tion Temp:=257.2C, 495.F

Lower Limits:1.4%

Upper Limits:7.6%

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, DRY CHEMICAL OR HALON. WATER MAY BE INEFFECTIVE.

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:EXTREMELY FLAMMABLE LIQUID. VAPOR ACCUMULATION COULD FLASH AND/OR EXPLODE IF IT COMES IN CONTACT WITH OPEN FLAME.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENTS.ELIMINATE ALL SOURCES OF IGNITION.USE EXPLOSION-PROOF TOOLS.SHUT OFF FUEL SOURCE.DIKE SPILL.PREVENT LIQUID FROM ENTERING SEWERS/WATERWAYS.RECOVER FREE LIQUID.ADD SAND,EARTH OR OTHER ABSORBENT MATERIAL.TRANSFER TOCONTAINER.

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

Handling and Storage Precautions:STORAGE-STORE IN A CCORDANCE WITH NATIONAL FIRE PROTECTION ASSOCIATION REGULATIONS.KEEP CONTAINERS CLOSED.

Other Precautions:"EMPTY" CONTAINERS RETAIN RESIDUE AND CAN BE DANGEROUS.DO NOT PRESSURIZE,CUT,WELD,BRAZE,SOLDER,DRILL,GRIND OR EXPOSE SUCH CONTAINERS TO HEAT,FLAME,SPARKS.THEY MAY EXPLODE AND CAUSE INJURY/DEATH.AVOID REPEATED OR PROLONGED CONTACT WITH SKIN.

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

Respiratory Protection:NIOSH-APPROVED SELF-CONTAINED BREATHING

APPARATUS OR ORGANIC VAPOR RESPIRATOR OR SUPPLIED-AIR RESPIRATOR, IF NEEDED.

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

Protective Gloves:RUBBER

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 VA

PORS OR MISTS.  
Supplemental Safety and Health  
REGULAR, LEADED

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

HCC:F1

Melt/Freeze Pt: