

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-
2700/800-424-9300(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:10

00 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

Ingred 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

===== 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 IRRITATING 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.PETROLEUM
SOLVENT-THOSE WITH EXISTING DERMATITIS.

===== 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.

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

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

Ignition 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 TO CONTAINER.

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

Handling and Storage Precautions:STORAGE-STORE IN ACCORDANCE 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

VAPORS OR MISTS.
Supplemental Safety and Health
REGULAR, LEADED

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

HCC:F1
Melt/Freeze Pt: