

SINCLAIR OIL CORPORATION -- UNLEADED GASOLINE -- 9130-00-148-7103

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

Product ID:UNLEADED GASOLINE

MSDS Date:04/23/1991

FSC:9130

NIIN:00-148-7103

MSDS Number: BQMYT

=== Responsible Party ===

Company Name:SINCLAIR OIL CORPORATION

Address:550 E SOUTH TEMPLE

City:SALT LAKE CITY

State:UT

ZIP:84102

Country:US

Info Phone Num:801-524-2700

Emergency Phone Num:801-524-2700

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: 0.9-1.8%

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: 0.8-4.

8%
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: 6.6-7.8%
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: 7.8-10%
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: 1.0-1.2%
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: 2-15%
Other REC Limits:NONE RECOMMENDED
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

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Hazards Identification =====

LD50 LC50 Mixture:NOT SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
Health Hazards Acute and Chronic:EYE IRRITATION, SKIN IRRITATION,
CENTRAL NERVOUS SYSTEM DISTURBANCES, ASPIRATION HAZARD,
GASTROINTESTINAL DISTURBANCES, POSSIBLY CARCINOGENIC.
Explanation of Carcinogenicity:THIS PRODUCT CONTAINS BENZENE [71-43-2],
AN OSHA REGULATED CARCINOGE
N, AN NTP REGULATED CARCINOGEN AND IARC
CATEGORY 1.
Effects of Overexposure:EYE IRRITATION, SKIN IRRITATION/BURNS/DRYING,
WEAKNESS, HEADACHE, NAUSEA, CONFUSION, BLURRED VISION, DROWSINESS,
DIZZINESS, IRREGULAR HEARTBEAT, COMA, COLLAPSE, DEATH, PULMONARY
EDEMA, PERMANENT LUNG DAMAGE, VOMITING, DIARRHEA, ABDOMINAL PAIN,
KIDNEY DAMAGE.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First
Aid:EYES: FLUSH IMMEDIATELY WITH WATER FOR 15 MINUTES. SEEK
MEDICAL ATTENTION PROMPTLY. SKIN: WASH CONTACT AREAS WITH SOAP AND
WATER. INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL ASSISTANCE.
INHALATION: REMOVE FROM FURTHER EXPOSURE. IF UNCONSCIOUSNESS
OCCURS, SEEK IMMEDIATE MEDICAL ASSISTANCE. IF BREATHING STOPS, USE
MOUTH TO MOUTH RESUSCITATION.

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

Flash Point:-45F,-43C
Autoignition Temp:Autoignition Tem
p Text:> 500F
Lower Limits:1.4 %
Upper Limits:7.6 %
Extinguishing Media:CARBON DIOXIDE, FOAM, DRY CHEMICAL, HALON OR WATER
FOG
Fire Fighting Procedures:KEEP PERSONNEL REMOVED FROM AND UP-WIND OF
FIRE. FIREFIGHTERS SHOULD USE SELF-CONTAINED BREATHING APPARATUS
AND FULL PROTECTIVE EQUIPMENT.
Unusual Fire/Explosion Hazard:COOL ADJACENT STRUCTURES AND STORAGE
DRUMS WITH WATER SPRAY. EVACUATE AREA. PREVENT RUNOFF FROM FIRE
CONTROL DILUTION FROM ENTERING STREAMS OR DRINKING WATER.

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

Spill Release Procedures:TREAT AS AN OIL SPILL. REPORT SPILLS TO APPROPRIATE AUTHORITIES. ELIMINATE ALL SOURCES OF IGNITION. REMOVE LEAKING CONTAINERS TO A SAFE AREA. CONTAIN AND REMOVE BY MECHANICAL MEANS. GUARD AGAINST CONTAMINATION OF WATER SUPPLIES.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE AWAY FROM IGNITION SOURCES IN A

COOL AREA. OUTSIDE OR DETACHED STORAGE IS PREFERRED. GROUND AND BOND ALL TRANSFER AND STORAGE EQUIPMENT.

Other Precautions:DRUMS MUST BE GROUNDED/BONDED/EQUIPPED WITH SELF-CLOSING VALVE, PRESSURE VACUUM BUNGS, AND FLAME ARRESTERS. CONTAINERS SHOULD BE LABELED: FLAMMABLE. VAPOR HARMFUL. USE NON-SPARKING TOOLS AND EQUIPMENT . DO NOT USE AS A CLEANER OR SOLVENT.

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

Respiratory Protection:

APPROVED RESPIRATORY PROTECTION MUST BE USED

WHEN VAPOR OR MIST CONCENTRATIONS ARE UNKNOWN OR EXCEED THE TLV.

AVOID PROLONGED OR REPEATED BREATHING OF VAPOR OR MISTS.

Ventilation:RECOMMENDED

Protective Gloves:IMPERVIOUS GLOVES

Eye Protection:FULL FACE SHIELD, CHEMICAL GOGGLES

Other Protective Equipment:BOOTS AND WHOLE BODY PROTECTION

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health

DO

NOT USE AS A CLEANER OR SOLVENT. USE ONLY AS MOTOR FUEL. DO NOT SIPHON BY MOUTH.

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

HCC:F2

Boiling Pt:B.P. Text:NOT GIVEN

Melt/Freeze Pt:M.P/F.P Text: