

MOBIL OIL CORP -- UNLEADED -- 9130-00-148-7104

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

Product ID:UNLEADED

MSDS Date:05/21/1993

FSC:9130

NIIN:00-148-7104

MSDS Number: BRGGW

=== Responsible Party ===

Company Name:MOBIL OIL CORP

Address:3225 GALLONS ROAD

City:FAIRFAX

State:VA

ZIP:22037-0001

Country:US

Info Phone Num:800-662-4525/800-227-0707 X3265

Emergency Phone Num:609-737-4411/CHEMTREC 800-424-9300

CAGE:3U728

=== Contractor Identification ===

Company Name:MOBIL OI

L CORP, NORTH AMERICAS MARKETING AND REFINING

Address:3225 GALLOWS ROAD

Box:City:FAIRFAX

State:VA

ZIP:22037

Country:US

Phone:800-662-4525/ 856-224-4644

CAGE:3U728

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

Ingred Name:GASOLINE CONTAINING BENZENE

CAS:8006-61-9

RTECS #:LX3300000

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:300 PPM/500 STEL

ACGIH TLV:300 PPM/500STEL;9293

Ingred Name:BENZENE (SARA III) 5%

CAS:71-43-2

RTECS #:CY1400000

Fraction by Wt:

SEE # 1%  
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

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS >5,000 MG/KG.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES  
Health Hazards Acute and Chronic:ACUTE- INHALATION OF VAPORS MAY CAUSE  
CNS DEPRESSION, CONVULSION, LOSS OF CONSCIOUSNESS.  
INGESTION HAS  
SYMPTOMS SIMILAR TO INHALATION & ASPIRATION HAZARD. EYE/SKIN  
CONTACT CAUSES IRRITATION. CHRONIC- DERMATITIS, NERVOUS SYSTEM,  
KIDNEY, LIVER & BLOOD DISORDERS INCLUDING ANEMIA & LEUKEMIA. KIDNEY  
CANCER IN LAB ANIMALS.  
Explanation of Carcinogenicity:CONTAINS BENZENE. MAY CAUSE BLOOD  
DISEASES INCLUDING LEUKEMIA. VAPORS MAY CAUSE KIDNEY CANCER IN MALE  
RATS.  
Effects of Overexposure:HEADACHE, NASAL & RESPIRATORY IRRITATION,  
NAUSEA, DROWSINESS, FATIGUE, EYE &  
SKIN IRRITATION, PULMONARY  
EDEMA, CONVULSION & LOSS OF CONSCIOUSNESS  
Medical Cond Aggravated by Exposure:BENZENE- INDIVIDUALS WITH LIVER,  
KIDNEY AND BLOOD DISEASES. HEXANE- INDIVIDUALS WITH NEUROLOGICAL  
DISEASES. 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. INH  
ALED:REMOVE TO FRESH AIR & PROVIDE CPR/OXYGEN IF  
NECESSARY. ORAL: DO NOT INDUCE VOMITING UNLESS INSTRUCTED BY A  
PHYSICIAN. CALL A PHYSICIAN IMMEDIATELY. IF VOMITING OCCURS  
SPONTANEOUSLY, KEEP HEAD BELOW HIPS.

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

Flash Point Method:TCC  
Flash Point:-40F,-40C  
Lower Limits:1.1  
Upper Limits:7.6  
Extinguishing Media:USE CARBON DIOXIDE, FOAM, DRY CHEMICAL AND  
VAPORIZING LIQUID TYPE EXTINGUISHERS. 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:HIGHLY VOLATILE MATERIAL. FLOWING GASOLINE CAN BE IGNITED BY SELF-GENERATING STATIC ELECTRICITY (BOND & GROUND CONTAINERS). VAPORS CAN GET TO IGNITION SOURCES.

===== 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: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, SOLDER, DRILL 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 RECOMMENDED  
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

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

HCC:F2  
B

Boiling Pt:B.P. Text:>73F,>23C  
Melt/Freeze Pt:M.P/F.P Text:NOT KNOWN  
Vapor Pres:>400 @ 68F  
Vapor Density:>1  
Spec Gravity:0.7 - 0.76  
Evaporation Rate & Reference:NOT KNOWN  
Solubility in Water:SLIGHT  
Appearance and Odor:YELLOW TO ORANGE LIQUID - GASOLINE ODOR  
Percent Volatiles by Volume:100

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS  
Stability Condition to Avoid:HIGH HEAT, SPARKS, OPEN FLAMES AND OTHER  
SOURCES OF IGNITION  
Hazardous Decomposition Products:FUMES, CARBON MONOXIDE, CARBON DIOXIDE  
AND OTHER DECOMPOSITION PRODUCTS

===== Disposal Considerations =====

Waste Disposal Methods:RECYCLE AS MUCH AS POSSIBLE. TREATMENT, STORAGE,  
TRANSPORTATION AND DISPOSAL MUST BE IN ACCORDANCE WITH ALL  
APPLICABLE LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS.

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