

MOBIL OIL CORP, AMERICAS MARKETING AND REFINING -- MOBIL GASOLINE PREMIUM UNLEADED -- 9130-00-148-7104

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

Product ID:MOBIL GASOLINE PREMIUM UNLEADED

MSDS Date:06/04/1998

FSC:9130

NIIN:00-148-7104

Status Code:A

MSDS Number: CLDBS

=== Responsible Party ===

Company Name:MOBIL OIL CORP, AMERICAS MARKETING AND REFINING

Address:3225 GALLOWS ROAD

City:FAIRFAX

State:VA

ZIP:22037

Country:US

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

Emerg

ency Phone Num:609-737-4411

Resp. Party Other MSDS Num.:15024-34

Chemtrec Ind/Phone:(800)424-9300

CAGE:3U728

=== Contractor Identification ===

Company Name:MOBIL OIL 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 (PRODUCT) (COMPONENTS FOLLOW BELOW)

CAS:8006-61-9

RTECS #:LX3300000

= Wt:100.

OSH

A PEL:900 MG/KG;300 PPM  
OSHA STEL:1500 MG/KG;500 PPM  
ACGIH TLV:890 MG/M3;300 PPM  
ACGIH STEL:1480 MG/M3;500 PPM

Ingred Name:XYLENE  
CAS:1330-20-7  
RTECS #:ZE2100000  
= Wt:10.  
OSHA PEL:435 MG/M3; 100PPM  
OSHA STEL:655 MG/M3; 150 PPM  
ACGIH TLV:434 MG/M3;100 PPM  
ACGIH STEL:651 MG/M3;150 PPM  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:ISOPENTANE  
CAS:78-78-4  
RTECS #:EK4430000  
= Wt:9.  
ACGIH TLV:1770 MG/M3; 600 PPM

Ingred Name:TOLUENE  
CAS:108-88-3  
RTECS #:XS5250000  
= Wt:5.  
OSHA PEL:375 MG/M3; 1  
00 PPM  
OSHA STEL:560 MG/M3;150 PPM  
ACGIH TLV:188 MG/M3;50 PPM S  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:BUTANE  
CAS:106-97-8  
RTECS #:EJ4200000  
= Wt:4.  
OSHA PEL:1900 MG/M3; 800 PPM  
ACGIH TLV:1900 MG/M3;800 PPM

Ingred Name:2-METHYLPENTANE  
CAS:107-83-5  
RTECS #:SA2985000  
= Wt:4.  
ACGIH TLV:1760 MG/M3; 500 PPM  
ACGIH STEL:3500 MG/M3;1000 PPM

Ingred Name:PENTANE  
CAS:109-66-0  
RTECS #:RZ9450000  
= Wt:4.  
OSHA PEL:1800 MG/M3; 600 PPM  
OSHA STEL:2250 MG/M3; 750 PPM  
ACGIH TLV:1770 MG/M3;600 PPM

ACGIH STEL:2210 MG/M3;750 PPM

Ingred Name:3-METHYLPENTANE

CAS:96-14-0

= Wt:2.

ACGIH TLV:1760 MG/M3; 500 PPM

ACGIH STEL:3500 MG/M3;1000 PPM

Ingred Name:BENZENE

CAS:71-43-2

RTECS #:CY1400000

= Wt:2.

OSHA PEL:1 PPM

OSHA STEL:5 PPM

ACGIH TLV:1.6 MG/M3;0.5 PPM

ACGIH STEL:8 MG/M3;2.5 PPM

EPA Rpt Qty:10 LBS

DOT Rpt Qty:10 LBS

Ingred Name:2,3-DIMETHYLBUTANE

CAS:79-29-8

RTECS #:EJ9350000

= Wt:2.

ACGIH TLV:1760 MG/M3;500 PPM

ACGIH STEL:3500 MG/M3;1000 PPM

Ingred Name:N-HEXANE

CAS:110-54-3

RTECS #:MN92

75000

= Wt:2.

OSHA PEL:180 MG/M3; 50 PPM

ACGIH TLV:176 MG/M3;50 PPM

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:ETHYL BENZENE

CAS:100-41-4

RTECS #:DA0700000

= Wt:2.

OSHA PEL:435 MG/M3;100 PPM

OSHA STEL:545 MG/M3; 125 PPM

ACGIH TLV:434 MG/M3;100 PPM

ACGIH STEL:543 MG/M3;125 PPM

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:3-METHYLHEXANE

CAS:589-34-4

= Wt:2.

Other REC Limits:1640 MG/M3;400 PPM

Ingred Name:2-METHYLHEXANE

CAS:591-76-4

= Wt:1.

Other REC Limits:1640 MG/M3; 400 PPM

Ingre

d Name:METHYLCYCLOHEXANE  
CAS:108-87-2  
RTECS #:GV6125000  
= Wt:1.  
OSHA PEL:1600 MG/M3;400 PPM  
ACGIH TLV:1610 MG/M3;400 PPM

Ingred Name:TRIMETHYL BENZENE  
CAS:25551-13-7  
RTECS #:DC3220000  
= Wt:8.  
OSHA PEL:125 MG/M3; 25 PPM  
ACGIH TLV:123 MG/M3;25 PPM

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

LD50 LC50 Mixture:ORAL, RATS, LD50:>2000 MG/KG.  
Health Hazards Acute and Chronic:EYE IRRITATION, RESPIRATORY  
IRRITATION, DIZZINESS, NAUSEA, LOSS OF CONSCIOUSNESS. SKIN  
IRRITA  
TION. STUDIES CONDUCTED EXAMINING CAUSES OF DEATH OF  
DISTRBUTION WORKERS WITH LONG-TERM EXPOSURE TO GASOLIN E HAVE NOT  
FOUND ANY GASOLINE-RELATED HEALTH EFFECTS. REPORTS OF CHRONIC  
GASOLINE ABUSE (SUCH AS SNIFFING) AND CHRONIC MISUSE OF GASOLINE AS  
SOLVENT OR CLEANING AGENT HAVE REPORTED A RANGE OF NEUROLOG ICAL  
EFFECTS (NERVOUS SYSTEM EFFECTS), SUDDEN DEATHS FROM CARDIAC  
ARREST, HEMATOLOGIC CHANGES (BLOOD EFFECTS) AND LEUKEMIA. THESE  
EFFECTS ARE NOT EXPECTED TO OCCUR  
AT EXPOSURE LEVELS ENCOUNTERED IN  
DI STRIBUTION AND USE AS A MOTOR FUEL.  
Explanation of Carcinogenicity:LONG-TERM EXPOSURE TO GASOLINE VAPOR HAS  
CAUSED KIDNEY AND LIVER CANCER IN LABORATORY ANIMALS. AS FAR AS  
SCIENTISTS KNOW, LOW LEVEL OR INFREQUENTENT EXPOSURES TO GASOLINE  
VAPOR ARE UNLIKELY TO BE ASSO CIATED WITH CANCER OR OTHER SERIOUS  
DISEASES IN HUMANS.  
Effects of Overexposure:EYES: IRRITATION. SKIN: IRRITATION.  
INHALATION: RESPIRATORY IRRITATION, DIZZINESS, NAUSEA  
, LOSS OF  
CONSCIOUSNESS. CHRONIC GASOLINE ABUSE (EFFECTS NOT EXPECTED TO  
OCCUR AT EXPOSURE LEVELS ENCOUNTERED IN THE DISTRIBUTATION AND USE  
OF GASOLINE AS A MOTOR FUEL.) : NERVOUS SYSTEM EFFECTS; SUDDEN  
DEATH FROM CARDIAC ARREST; HEMATOLOGIC CHANGES (BLOOD EFFECTS);  
LUKEMIA.

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

First Aid:EYE CONTACT: FLUSH THOROUGHLY WITH WATER. IF IRRITATION  
OCCURS, CALL A PHYSICIAN. SKIN CONTACT: WASH CONTACT AREAS WIT

H

SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE. INHALATION: MOVE TO FRESH AIR. IF RESPIRATORY IRRITATION, DIZZINESS, NAUSEA, OR UNCONSCIOUSNESS OCCURS, SEEK MEDICAL ASSISTANCE. IF BREATHING STOPPED, ASSIST VENTILATION WITH BAG-VALVE-MASK DEVICE OR USE MOUTH-TO-MOUTH RESUSCITATION. INGESTION: SEEK IMMEDIATE MEDICAL ATTENTION. DO NOT INDUCE VOMITING.

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

Fla

sh Point Method:TCC

Flash Point:20.C, 68.F

B.P. Text:MSDS SAYS PG II (>95F

Vapor Pres:>400.0 MMHG @20C

Vapor Density:3.0

Spec Gravity:0.79

Viscosity:2000 MG/KG; PRACTICALLY

NON-TOXIC. DERMAL, RABBITS, LD50: > 2000 MG/KG, PRACTICALLY

NON-TOXIC. INHALATION, RATS, LC50: > 5 MG/L, PRACTICALLY NON-TOXIC.

EYE IRRITATION, RABBITS, DRAIZE SCORE: >6 BUT 15 OR LESS,

PRACTICALLY NON-IRRITATING. SKIN IRRITATION, RABBITS, PRIMARY

IRRITATION INDEX: 3 OR > BUT < 5. IRRITANT. OTHER ACUTE T

OXICITY

DATA: INHALATION OF VAPORS/MISTS MAY CAUSE RESPIRATORY SYSTEM IRRITATION. EXPOSURE TO HIGH CONCENTRATIONS OF CARBON MONOXIDE CAN

CAUSE LOSS OF CONSCIOUSNESS, HEART DAMAGE, BRAIN DAMAGE, DEATH.

EXPOSURE TO HIGH CONCENTRATIONS OF CARBON DIOXIDE CAN CAUSE

(CONTD. SEE "ECOLOGICAL")

===== Ecological Information =====

Ecological:ENVIRONMENTAL FATE AND EFFECTS: NOT ESTABLISHED. NOTE: MOBIL PRODUCTS ARE NOT FORMULATED TO CONTAIN PCBS.

USE: UNLEADED MOTOR

FUEL. (CONTD. FROM "TOXICOLOGICAL") ASPHYXIATION. NEUROTOXICOLOGY:

NO SIGNIFICANT ADVERSE EFFECTS IN STUDY WITH RATS. REPRODUCTIVE

TOXICOLOGY: ONE GENERATION REPRODUCTION STUDIES, SHOWED NO ADVERSE

EFFECTS IN RATS. A TWO GENERATION STUDY SHOWED NO REPRODUCTIVE OR

DEVELOPMENTAL EFFECTS IN RATS. A TERATOLOGY INHALATION STUDY IN

RABBITS SHOWED NO DEVELOPMENTAL EFFECTS. CHRONIC TOXICOLOGY: AN

INCREASE INCIDENCE OF KIDNEY AND LIVER TUMORS (CONTD.

SEE  
"FEDERAL")

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

Waste Disposal Methods:PRODUCT IS SUITABLE FOR BURNING FOR FUEL VALUE  
IN COMPLIANCE WITH APPLICABLE LAWS AND REGULATIONS. DISPOSAL OF  
UNUSED PRODUCT MAY BE SUBJECT TO RCRA REGULATIONS (40 CFR 261) DUE  
TO BENZENE (2.32%, TCL P, FLASH