

MOBIL OIL CORP, AMERICAS MARKETING AND REFINING -- AUTOMOTIVE GASOLINE, UNLEADED (MRDUS) -- 9130-00-148-7103

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Product Identification
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Product ID:AUTOMOTIVE GASOLINE, UNLEADED (MRDUS)

MSDS Date:07/24/1997

FSC:9130

NIIN:00-148-7103

Status Code:A

MSDS Number: CLCZL

=== 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/ 703-849-5700

Emergency 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

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Composition/Information on Ingredients
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Ingred Name:GASOLINE (PRO
DUCT) (COMPONENTS FOLLOW BELOW)

CAS:8006-61-9

RTECS #:LX3300000

= Wt:100.

Other REC Limits:890 MG/M3; 300 PPM

OSHA 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:METHYL T- BUTYL ETHER

CAS:1634-04-4

RTECS #:KN5250000

= Wt:15.

Other REC Limits:144 MG/M3;40 PPM

ACGIH TLV:144 MG/M3;40 PPM

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:ETHANOL

CAS:64-17-5

RTECS #:KQ6300000

:1900 MG/M3;1000 PPM
ACGIH TLV:1880 MG/M3;1000 PPM

Ingred Name:XYLENE
CAS:1330-20-7
RTECS #:ZE2100000
= Wt:10.
Other REC Limits:434 MG/M3; 100 PPM
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.
Other REC Limits:1770 MG/M3;600 PPM
ACGIH TLV:1770 MG/M3; 600 PPM
ACGIH STEL:2210 MG/M3;750 PPM

Ingred Name:TOLUENE
CAS:108-88-3
RTECS
#:XS5250000
= Wt:5.
Other REC Limits:188MG/M3; 50 PPM S
OSHA PEL:375 MG/M3; 100 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:PSEUDOCUMENE
CAS:95-63-6
RTECS #:DC3325000
= Wt:5.
Other REC Limits:123 MG/M3; 25 PPM
OSHA PEL:123 MG/M3; 25 PPM
ACGIH TLV:123 MG/M3; 25 PPM

Ingred Name:BUTANE
CAS:106-97-8
RTECS #:EJ4200000
= Wt:4.
Other REC Limits:1900 MG/M3; 800 PPM
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.
Other REC Limits:1760 MG/M3; 500 PPM
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.
Other REC Limits:1770 MG/M3; 600 PPM
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:TRIMETHYL BENZENE
CAS:25551-13-7
RTECS #:DC3220000
= Wt:3.
Other REC Limits:123 MG/M3; 25 PPM
OSHA PEL:125 MG/M3;
25 PPM
ACGIH TLV:123 MG/M3;25 PPM

Ingred Name:3-METHYLPENTANE
CAS:96-14-0
= Wt:2.
Other REC Limits:1760 MG/M3; 500 PPM
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.
Other REC Limits:3.2 MG/M3; 1 PPM
OSHA PEL:1 PPM
OSHA STEL:5 PPM
ACGIH TLV:32 MG/M3;10 PPM
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

Ingred Name:2,3-DIMETHYLBUTANE
CAS:79-29-8
RTECS #:EJ9350000
= Wt:2.
Other REC Limits:1760 MG/M3; 500 PPM
ACGIH TLV:1760 MG/M3;500

PPM
ACGIH STEL:3500 MG/M3;1000 PPM

Ingred Name:N-HEXANE
CAS:110-54-3
RTECS #:MN9275000
= Wt:2.
Other REC Limits:176 MG/M3;50 PPM
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.
Other REC Limits:434 MG/M3; 100 PPM
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-METHYLHEX
ANE
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

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

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

LD50 LC50 Mixture:ORAL, RATS, LD50:>2000 MG/KG.
Health Hazards Acute and Chronic:EYE IRRITATION, RESPIRATORY
IRRIT

ATION, DIZZINESS, NAUSEA, LOSS OF CONSCIOUSNESS. SKIN IRRITATION. STUDIES CONDUCTED EXAMINING CAUSES OF DEATH OF DISTRIBUTION WORKERS WITH LONG-TERM EXPOSURE TO GASOLINE 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 NEUROLOGICAL 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 DISTRIBUTION AND USE AS A MOTOR FUEL.

Explanation of Carcinogenicity:LONG-TERM EXPOSURE TO GASOLINE VAPOR HAS CAUSED KIDNEY AND LIVER CANCER IN LABORATORY ANIMALS.

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 DISTRIBUTION AND USE OF GASOLINE AS A MOTOR FUEL.) : NERVOUS SYSTEM EFFECTS; SUDDEN DEATH FROM CARDIAC ARREST; HEMATOLOGIC CHANGES (BLOOD EFFECTS); LUKEMIA.

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

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

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

Flash Point Method:TCC
Flash Point:35.C, 95.F
Vapor Pressure:>400.0 MMHG @20C
Vapor Density:3.0
Spec Gravity:0.79
Vis

cosity: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, DRAI ZE SCORE: >6 BUT 15 OR LESS,

PRACTICALLY NON-IRRITATING. SKIN IRRITATION, RABBITS, PRIMARY

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

DATA: INHALATION OF VAPORS/MISTS MAY CAUSE R ESPIRATORY SYSTEM

IRRITATION. EXPOSURE TO HIGH CONCENTRATIONS OF CARBON MONOXIDE C

AN

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

EXPOSURE TO HIGH CONCENTRATIONS OF CARBON DIOXIDE C AN CAUSE

(CONTD. SEE "ECOLOGICAL")

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===== 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 SI GNIFICIANT ADVERSE EFFECTS IN STUDY WIT

H RATS. REPRODUCTIVE

TOXICOLOGY: ONE GENERATION REPRODUCTION STUDIES, SHOWED NO ADVERSE

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

DEVELOP MENTAL 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")

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

Waste Disposal Methods:PRODUCT IS SUITABLE FOR BURNIN

G 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%, TCLP , FLASH