

MOBIL OIL CORP -- AVIATION GASOLINES -- 9130-00-256-8613

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

Product ID:AVIATION GASOLINES

MSDS Date:09/12/1990

FSC:9130

NIIN:00-256-8613

MSDS Number: BPMQW

=== 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/CHE

MTREC 800-424-9300

CAGE:3U728

=== Contractor Identification ===

Company Name:MOBIL OIL CORP, NORTH AMERICAS MARKETING AND REFINING

Address:3225 GALLOWES ROAD

Box:City:FAIRFAX

State:VA

ZIP:22037

Country:US

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

CAGE:3U728

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

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

Ingred Name:LEAD ALKYL

Fraction by Wt: 0.15%MAX

Other REC Limits:NONE RECOMMENDED

Ingred Name:TOLUENE (SARA III)

CAS:108-88-

3

RTECS #:XS5250000
Fraction by Wt: 10%
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: 9%
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:1,2,4-TRIMETHYLBENZENE (SARA III)
CAS:95-63-6
RTECS #:DC3325000
Fraction by Wt: 3%
Oth
er REC Limits:NONE RECOMMENDED
OSHA PEL:25 PPM
ACGIH TLV:25 PPM; 9293

Ingred Name:BENZENE (SARA III)
CAS:71-43-2
RTECS #:CY1400000
Fraction by Wt: 2%
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:ETHYL BENZENE (SARA III)
CAS:100-41-4
RTECS #:DA0700000
Fraction by Wt: 2%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM/125 STEL
ACGIH TLV:100 PPM/125STEL 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 L

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Hazards Identification
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LD50 LC50 Mixture:ORAL LD50 (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-HIGH VAPOR CONCENTRATIONS MAY CAUSE CNS

DEPRESSION;I.E.HEADACHE,NAUSEA,DROWSINESS,DIZZINESS.ACCIDENTAL INGESTION MAY CAUSE SIMILAR SYMPTOMS.IT IS AN ASPIRATION HAZARD.MAY CAUSE EYE IRRITATION,RE DNESS,TEARI

NG & BURNING.PROLONGED/REPEATED

SKIN CONTACT CAN CAUSE IRRITATION,DEFATTING & DERMATITIS.CHRONIC-DERMATITIS.

Explanation of Carcinogenicity:CONTAINS BENZENE.MAY CAUSE

LEUKEMIA.VAPORS CAN CAUSE KIDNEY CANCER IN MALE RATS & LIVER CANCER IN FEMALE MICE.

Effects of Overexposure:HIGH VAPOR CONCENTRATIONS MAY CAUSE CNS

DEPRESSION; I.E. HEADACHE, NAUSEA, DROWSINESS, DIZZINESS.

ACCIDENTAL INGESTION MAY CAUSE SIMILAR SYMPTOMS. IT IS AN ASPIRATION HAZARD. MAY CAUSE EYE IRRITATI

ON, REDNESS, TEARING &

BURNING. PROLONGED/REPEATED SKIN CONTACT CAN CAUSE IRRITATION, DEFATTING & DERMATITIS.

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN

DISORDERS OR IMPAIRED RESPIRATORY OR LIVER OR KIDNEY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THE SUBSTANCE.

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First Aid Measures
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First Aid:CALL A PHYSICIAN IN ALL CASES.EYES:IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES,HOLDING EYELIDS OPEN.SK

IN:WASH WITH SOAP &

WATER.INHALED:REMOVE TO FRESH AIR & PROVIDE CPR/OXYGEN IF NECESSARY.ORAL:DO NO T INDUCE VOMITING.CALL A PHYSICIAN

IMMEDIATELY.IF VOMITING OCCURS SPONTANEOUSLY,KEEP HEAD BELOW HIPS.

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Fire Fighting Measures
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Flash Point Method:TCC

Flash Point:-40F,-40C

Lower Limits:1.1%

Upper Limits:7.6%

Extinguishing Media:USE CO2, FOAM, DRY CHEMICAL OR WATER FOG. WATER MAY BE INEFFECTIVE. PRODUCT FLOATS ON SURFACE OF WATER & REIGNI

TES.

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:SEVERE FIRE & EXPLOSION HAZARD INDOORS, OUTDOORS OR SEWERS. VAPORS MAY TRAVEL TO IGNITION SOURCE & FLASH BACK OR EXPLODE.

===== 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:STORAGE-STORE IN ACCORDANCE WITH NATIONAL FIRE PROTECTION ASSOCIATION REGULATIONS.KEEP CONTAINERS CLOSED.HANDLE IN WELL-VENTILATED AREA.

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:WHEN CONCENTRATIONS IN AIR MAY EXCEED THE PERMISSIBLE EXPOSURE LIMIT, AND WHERE ENGINEERING, WORK PRACTICES ARE NOT ADEQUATE, WEAR NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS OR ORGANIC VAPOR RESPIRATOR OR SUPPLIED-AIR RESPIRATOR.

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 VAPO

RS OR MISTS.

Supplemental Safety and Health

FOR USE AS A MOTOR FUEL ONLY. DO NOT USE AS A CLEANING SOLVENT OR FOR OTHER NON-MOTOR FUEL USES. UNDER NORMAL WORKING CONDITIONS AT SERVICE STATIONS, A RESPIRATOR IS NOT WARRANTED.

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

HCC:F2

Boiling Pt:B.P. Text:100F,38C

Vapor Pres:400 @ 20C

Spec Gravity:0.7 - 0.76

Viscosity:30 SUS @ 100F

Solubility in Water:NEGLIGIBLE

Appearance and Odor:DYED LIQUID; HYDROCARBON ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, STRONG MINERAL ACIDS, STRONG BASES, HALOGENS

Stability Condition to Avoid:HEAT, SPARKS, OPEN FLAMES, STATIC

ELECTRICITY AND OTHER SOURCES OF IGNITION. PREVENT VAPORS ACCUMULATION.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE

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

Waste Disposal Methods:TREATMENT, STORAGE, TRANSPORTATION AND DISPOSAL

MUST BE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS. THIS MATERIAL IS CLASSIFIED BY THE EPA AS A HAZARDOUS WASTE UNDER RCRA. NO. D001 IGNITABLE WASTE.

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