

MARATHON OIL COP -- MARATHON REGULAR UNLEADED GASOLINE -- 9130-00-148-7103

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Product Identification
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Product ID:MARATHON REGULAR UNLEADED GASOLINE

MSDS Date:09/15/1993

FSC:9130

NIIN:00-148-7103

MSDS Number: BVGZC

=== Responsible Party ===

Company Name:MARATHON OIL COP

Address:539 SOUTH MAIN STREET

City:FINDLAY

State:OH

ZIP:45840

Country:US

Info Phone Num:419-422-2121

Emergency Phone Num:

419-422-2121/800-424-9300(CHEMTREC)

Preparer's Name:CRAIG M. PARKER

CAGE:JO754

=== Contractor Identification ===

Company Name:MARATHON OIL CO

Address:539 SOUTH MAIN STREET

Box:City:FINDLEY

State:OH

ZIP:45840-3229

Country:US

Phone:419-422-2121, CHEMTREC 800-424-9300

CAGE:16106

Company Name:MARATHON OIL COP

Address:539 SOUTH MAIN STREET

Box:City:FINDLAY

State:OH

ZIP:45840

Country:US

Phone:419-422-2121

CAGE:JO754

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Composition/Information on Ingredients
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Ingred Name:SAT

URATED HYDROCARBONS (PARAFFINS & CYCLOPARAFFINS)

Fraction by Wt: 55-70%

Other REC Limits:NONE RECOMMENDED

Ingred Name:UNSATURATED HYDROCARBONS (OLEFINS)

Fraction by Wt: 1-10%

Other REC Limits:NONE RECOMMENDED

Ingred Name:AROMATICS (INCLUDING BENZENE, TOLUENE, XYLENES,
ETHYLBENZENE & TRIMETHYL BENZENES).

Fraction by Wt: 20-40%

Other REC Limits:NONE RECOMMENDED

Ingred Name:ETHYL BENZENE (SARA III)

CAS:100-41-4

RTECS #:DA0700000

Fraction by Wt: 1-3%

Other REC Limits:NONE RECOMMENDED

OSHA PE

L:100 PPM

ACGIH TLV:100 PPM/125STEL;9394

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: 2-5%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:25 PPM

ACGIH TLV:25 PPM; 9394

Ingred Name:TOLUENE (SARA III)

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 5-15%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:200 PPM; Z-2

ACGIH TLV:S, 50 PPM; 9394

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:XYLENES (O-,M-,P- ISOM

ERS) (SARA III)
CAS:1330-20-7
RTECS #:ZE2100000
Fraction by Wt: 5-15%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM
ACGIH TLV:100 PPM/150STEL;9394
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:METHYL TERTIARY BUTYL ETHER
Fraction by Wt: 0.01-15%
Other REC Limits:NONE RECOMMENDED

Ingred Name:BENZENE (SARA III)
CAS:71-43-2
RTECS #:CY1400000
Fraction by Wt: 0.5-3.5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:SEE 1910.1028
ACGIH TLV:10 PPM; A2; 9394
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10
LBS

Ingred Name:COMPLEXE MIXTURE OF PARFFINIC, CYCLOPARAFFINIC, OLEFINIC
AND AROMATIC HYDROCARBONS (PREDOMINANTLY C4-C12).
Fraction by Wt: N/GIVEN
Other REC Limits:NONE RECOMMENDED

Ingred Name:SMALL AMTS OF DYE AND OTHER ADDITIVES WHICH ARE NOT
CONSIDERED TO BE HAZ @ CONCENTRATIONS USED.
Fraction by Wt: 1000PPM CAN CAUSE
RESP IRRT,HEAD,DIZZ,NAU,LOSS OF COORDINATION.HIGHER CONCEN MAY
CAUSELOSS OF CONSC,CARDIAC SENS,COMA,DEATH FROM RESP FAILURE.INGEST
GI DIST,ASPIRATI

Explan
ation of Carcinogenicity:CONTAINS BENZENE.PER IARC GASOLINE IS
CARCINOGENIC (GR 2B).
Effects of Overexposure:DERMATITIS. HEADACHE, DIZZINESS, NAUSEA, LOSS
OR COORDINATION, LOSS OF CONSCIOUSNESS, CARDIAC SENSITIZATION,
COMA, DEATH. VOMITING, DIARRHEA, RESTLESSNESS. CHEMICAL PNEUMONITIS
& PULMONARY EDEMA/HEMOR RHAGE.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MFG.

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

First Aid:EYE:FLUSH W/LG AMTS OF WATE

R FOR @ LEAST

15MINS.SYMPTOMS/IRRIT OCCUR CALL DR. SKIN:WASH W/SOAP & LG AMTS OF WATER.CALL DR. INHAL:MOVE TO FRESH AIR.NOT BREATHIN/NO HEARTBETA GIVE ART RESP OR CPR.IMMED CALL DR. INGEST:DO NOT INDUCE VOMIT.DO NOT GIVE LIQUIDS.IMMED CALL DR.

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

Flash Point:-50F,-46C

Autoignition Temp:Autoignition Temp Text:495F

Lower Limits:1.4

Upper Limits:7.6

Extinguishing Media:CLASS B FIRE EXT MEDIA (HALON,CO2,DRY CHEM) CAN BE

USED.FIREFIGHTING SHOULD BE ATTEMPTED BY THOSE WHO ARE ADEQ TRAINED.

Fire Fighting Procedures:FLASHBACK MAY OCCUR ALONG VAP TRAIL.AVOID USING SOLID H2O STREAMS.H2O MAY BE INEFFECTIVE IN LOW FLASH PT FIRE;CAN USE TO COOL EXPO SURFACES.AVOID EXCESS H2O SPRAY

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MFG. HOWEVER EXPLOSIVE MIXTURE OF VAP/AIR CAN OCCUR.

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

Spill Release Procedures:KEEP PUBLIC AWAY.SHUT OFF SOURCE W/O

RISK.REMOVE ALL IGN SOURCES.CALL NAT RESP CNTR 800-424-8802 IF MATL ENTERS WATERCOURSE.ADVISE LOC/STATE EMERG SERV AGENCIES.CONTAIN LIQ W/SAND/SOIL.RECOVER/RETURN FREE LIQ TO SOURCE.USE SUITABLE SORBENTSTO CLEAN.

Neutralizing Agent:NONE SPECIFIED BY MFG.

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

Handling and Storage Precautions:FOR USE AS MOTOR FUEL ONLY.SHOULD NEVER BE USED AS SOLVENT(FLAMM/TOXIC).SYPHONING BY MOUTH CAN RESULT IN L

UNG ASPIRATION WHICH CAN BE HARMFUL/FATAL.

Other Precautions:HANDLE/STORE IAW INDUSTRY ACCEPTED PRACTICES.COMPLY W/ALL APPLICABLE OSHA/NFPA/CONSISTNE LOC REQMTS.USE APPROPRIATE GROUNDING/BONDING PRACTICES.STORE IN PROPERLY CLOSED CONTNRS THAT ARE APPROPRIATELY LABELED.DON'T EXPOSE TO HEAT/(SEE SUPPL)

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

Respiratory Protection:APPROVED ORG VAP CHEM CARTRIDGE OR SUPLIED AIR RESP SHOULD BE WORN FOR EXPOSURES EXCEEDI

NG TLV OR STEL. OBSERVE

RESP PROTECTION FACTOR CRITERIA CITED IN ANSI Z88.2 (1992).

SELF-CONTAINED BREATHING APPARATUS SHOULD BE WORN FOR FIRE FIGHTING.

Ventilation:LOCAL OR GENERAL EXHAUST REQUIRED IN ENCLOSED AREAS OR WITH INADEQUATE VENTILATION.

Protective Gloves:NITRILE, VITON, PVA GLOVES.

Eye Protection:SAFETY GLASSES/GOGGLES.

Other Protective Equipment:USE EXPLOSION-PROOF EQUIPMENT.

Work Hygienic Practices:AVOID SKIN CONTACT.EXERCISE GOOD PERSONAL HYGIENE INCLUDING REM

REMOVAL OF SOILED CLOTH & PROMPTLY WASH W/SOAP & WATER.

Supplemental Safety and Health

PRECAUTIONS:OPEN FLAME/OXIDIZERS/OTHER SOURCES OF IGNITION.

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

HCC:F1

Boiling Pt:B.P. Text:90.0F,32.2C

Vapor Pres:403MM@100F

Vapor Density:3-4

Spec Gravity:0.71-0.77

Solubility in Water:NEGLIBIBLE.

Appearance and Odor:BLUE OR CLEAR LIQUID, GASOLINE ODOR.

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

Stability Indicator/

Materials to Avoid:YES

STRONG OXIDIZERS.

Stability Condition to Avoid:STABLE @70F/670MM PRESSURE. EXCESSIVE HEAT, SOURCES OF IGNITION.

Hazardous Decomposition Products:CARBON MONOXIDE, ALDEHYDES, AROMATIC HYDROCARBONS.

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

Waste Disposal Methods:DISPOSE OF CLEANUP MATERIALS IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS. LIQUID CAN BE TOXIC TO AQUATIC LIFE.

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mation by the compiling agencies):

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