

MARATHON OIL CO -- MARATHON NO.1 FUEL OIL(0.05%SULFUR MAX) -- 9140-00-000-0185

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Product Identification
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Product ID:MARATHON NO.1 FUEL OIL(0.05%SULFUR MAX)

MSDS Date:09/20/1993

FSC:9140

NIIN:00-000-0185

MSDS Number: BVPXK

=== Responsible Party ===

Company Name:MARATHON OIL CO

Address:539 SOUTH MAIN STREET

City:FINDLEY

State:OH

ZIP:45840-3229

Country:US

Info Phone Num:419-422-2121

Emergen

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

Preparer's Name:CRAIG M.PARKER

CAGE:16106

=== 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

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Composition/Information on Ingredients
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Ingred Name:ALIPHATIC PETROLEUM SOLVENT;DIESEL FUEL NO.1

CAS:8008-20-6

RTECS #:OA5500000

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMEN

DED

Ingred Name:PARAFFINS,PART OF INGRED 1;AMT OF INGRED 2 + INGRED 3 =

70-80%

Other REC Limits:NONE RECOMMENDED

Ingred Name:CYCLOPARAFFIN(S),PART OF INGRED 1;AMT OF INGRED 2 + INGRED

3 = 70-80%

Other REC Limits:NONE RECOMMENDED

Ingred Name:OLEFINS,PART OF INGRED 1

Fraction by Wt: 3-6%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:AROMATIC HYDROCARBON-PART OF INGRED 1

Fraction by Wt: 17-25%

Other REC Limits:NONE RECOMMENDED

Chemical Name: SULFUR
CAS: 7704-34-9
RTECS #: WS4250000
Fraction by Wt: 120F, >49C
Lower Limits: 0.7
Upper Limits: 5.0

Extinguishing Media: CLASS B AGENTS-WATER FOG, CARBON DIOXIDE, FOAM, DRY CHEMICAL, HALON. WATER MAY BE INEFFECTIVE AS AN EXTINGUISHANT.
Fire Fighting Procedures: USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT. COOL FIRE EXPOSED CONTAINERS WITH WATER FOG.
Unusual Fire/Explosion Hazard: COMBUSTIBLE LIQUID. FIRE CONDITIONS MAY EVOLVE TOXIC FUMES.

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

Spill Release Procedures: ELIMINATE SOURCES OF IGNITION. USE PROPER RESPIRATORY AND PROTECTIVE EQUIPMENT. SHUT OFF LEAK IF SAFE. DIKE. SOAK UP WITH A NON-COMBUSTIBLE INERT ABSORBENT (CLAY, SAND); PLACE IN PROPER CONTAINER FOR DISPOSAL. AVOID DISCHARGE TO SEWER. NRC: 800-424-8802.
Neutralizing Agent: NONE

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

Handling and Storage Precautions: STORE IN A COOL, DRY, WELL-VENTILATED AREA FOR COMBUSTIBLE MATERIALS. KEEP CONTAINER CLOSED WHEN NOT IN USE. AVOID HEAT AND SOURCES OF IGNITION.
Other Precautions: EMPTY CONTAINERS MAY CONTAIN HAZARDOUS RESIDUE; DISPOSE OF PROPERLY. GROUND CONTAINERS WHEN TRANSFERRING LIQUIDS; FLOWING HYDROCARBONS CAN BECOME ELECTROSTATICALLY CHARGED.

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

Respiratory Protection: WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN ENCLOSED SPACES USE EITHER A SELF-CONTAINED BREATHING APPARATUS OR A NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC VAPORS, DEPENDING ON THE AIRBORN CONCENTRATION.
Ventilation: LOCAL VENTILATION AT THE WORKSITE; MECHANICAL (GENERAL) VENTILATION TO MAINTAIN TLV/PEL. USE NON-SPARKING EQUIPMENT.
Protective Gloves: NEOPRENE, NITRILE, PVA.
Eye Protection: CHEMICAL SPLASH GOGGLES
Other Protective Equipment: PROTECTIVE CLOTHING, AS NEEDED. PROVIDE A LOCAL EYE WASH STATION AND SAFETY SHOWER.
Work Hygienic Practices: WASH HANDS. SEPARATE WORK

CLOTHES FROM STREET

CLOTHES.LAUNDRER WORK CLOTHES BEFORE REUSE.KEEP FOOD OUT OF THE WORK AREA.

Supplemental Safety and Health

NONE

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

HCC:F4

Boiling Pt:B.P. Text:350F-570F

Vapor Pres:1-10

Vapor Density:4-5

Spec Gravity: 0.8

Solubility in Water:NEGLIGIBLE

Appearance and Odor:LIQUID;CLEAR OR AMBER;TYPICAL FUEL OIL ODOR.

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

Stability Indicator/Materials to A

void:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF IGNITION

Hazardous Decomposition Products:CARBON DIOXIDE,CARBON MONOXIDE,ALDEHYDES,AROMATICS,OTHER HYDROCARBONS.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL REGULATIONS.RCRA CODE FOR BENZENE IS U019.

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