

MARATHON PETROLEUM CO -- MULTI-PURPOSE GEAR COMPOUND -- 9150-00-935-4018

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Product Identification
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Product ID: MULTI-PURPOSE GEAR COMPOUND

MSDS Date: 05/16/1990

FSC: 9150

NIIN: 00-935-4018

MSDS Number: BMTNV

=== Responsible Party ===

Company Name: MARATHON PETROLEUM CO

Address: 539 S MAIN ST

City: FINDLAY

State: OH

ZIP: 45840-3229

Country: US

Info Phone Num: 419-422-2121

Emergency Phone Num: 419-422-

2121/800-424-9300(CHEMTREC)

CAGE: IO115

=== 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 PETROLEUM CO

Address: 539 SOUTH MAIN ST

Box: City: FINDLAY

State: OH

ZIP: 45840

Country: US

Phone: 419-422-2121

CAGE: IO115

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Composition/Information on Ingredients
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Ingred Name: BLENDED MINERAL OIL, UNSPECIFIED

Fraction

by Wt: 93%
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM
ACGIH TLV:100 PPM

Ingred Name:(SEVERELY SOLVENT REFINED PARAFIN BASE STOCK) &
(SULFUR/PHOSPHORUS EXTREME PRESSURE & ACRYLIC COPOLYMER) ADDITIVES
Fraction by Wt: 7%
Other REC Limits:NONE SPECIFIED

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Hazards Identification
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: EYE-SLIGHT EYE IRRITATION.

INHALATION-MAY CAUSE PULMONARY IRRITATION. CHRONIC: SKIN-CAN CAUSE DERMATITIS, FOLLICULITIS OR OIL ACNE. INHALATION-MAY PRODUCE CHEMICAL PNEUMONITIS.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:INHALATION MAY CAUSE DIZZINESS AND NAUSEA.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid
Measures
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First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES. IF SYMPTOMS OCCUR, CALL PHYSICIAN. SKIN: WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. IF SYMPTOMS OCCUR, CALL PHYSICIAN. INHALATION: MOVE TO FRESH AIR . IF NOT BREATHING, GIVE CPR. IMMEDIATELY CALL A PHYSICIAN. INGESTION: NOT EXPECTED TO BE ACUTELY TOXIC. IF LARGE AMOUNTS ARE SWALLOWED, CALL A PHYSICIAN.

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Fire Fighting Measures
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Flash Point:338F,170C
Autoignition Temp:Autoignition Temp Text:695F
Extinguishing Media:CLASS B FIRE EXTINGUISHING MEDIA SUCH AS HALON, CARBON DIOXIDE, DRY CHEMICAL OR WATER SPRAY CAN BE USED.
Fire Fighting Procedures:AVOID USING SOLID WATER STREAMS. WATER SPRAY & FOAM MUST BE APPLIED CAREFULLY TO AVOID FROTHOVER. AVOID EXCESSIVE APPLICATION. USE WATER SPRAY TO COOL SURFACES.
Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

SELF-CONTAINED

BREATHING APPARATUS SHOULD BE WORN IN FIRE FIGHTING.

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

Spill Release Procedures:KEEP PUBLIC AWAY. ELIMINATE IGNITION SOURCES.
CONTAIN LIQUID WITH SAND OR SOIL. RECOVER AND RETURN FREE LIQUID TO
SOURCE. USE SUITABLE SORBENT TO CLEAN UP RESIDUAL LIQUIDS. CALL NRC
(800-424-8802) IF PRODUCT HAS ENTERED A WATER COURSE.

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

Handling and

Storage Precautions:DO NOT EXPOSE TO HEAT, OPEN FLAME,
STRONG OXIDIZERS OR OTHER SOURCES OF IGNITION.

Other Precautions:AVOID REPEATED OR PROLONGED SKIN CONTACT.

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

Respiratory Protection:NOT NORMALLY REQUIRED FOR ROUTINE OPERATIONS.
APPROVED ORGANIC VAPOR CHEMICAL CARTRIDGES OR SUPPLIED AIR
RESPIRATOR SHOULD BE WORN WHEN EXCESSIVE VAPORS OR MIST ARE
GENERATED.

Ventilation:LOCAL OR GENERAL EXHAUST REQUIRED WHEN US
ING AT ELEVATED

TEMPERATURES THAT GENERATE VAPORS OR MISTS.

Protective Gloves:NEOPRENE, NITRILE OR PVC GLOVES

Eye Protection:NONE SPECIFIED BY MANUFACTURER.

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER.

Work Hygienic Practices:EXERCISE GOOD PERSONAL HYGIENE INCLUDING
REMOVAL OF SOILED CLOTHING AND PROMPT WASHING WITH SOAP & WATER.

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE.

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

HCC:

V6

Boiling Pt:B.P. Text:>1000F,>538

Vapor Pres:15 MMHG

Spec Gravity:0.90

Solubility in Water:NEGLIGIBLE

Appearance and Odor:BROWN LIQUID, HYDROCARBON ODOR.

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZERS.

Stability Condition to Avoid:HEAT AND OPEN FLAMES.

Hazardous Decomposition Products:CARBON MONOXIDE & DIOXIDE; ALDEHYDES;
HYDROCARBONS; NITROGEN, SULFUR & PHOSPHORUS OXIDES; HYDROGEN
CHLORIDE & SULFIDE.

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

Waste Disposal Methods:DISPOSE OF CLEAN UP MATERIAL IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

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