

MOBIL OIL CORP -- FUEL OIL -- 9140-00-273-2377

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Product Identification
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Product ID:FUEL OIL
MSDS Date:05/11/1997
FSC:9140
NIIN:00-273-2377
Status Code:A
MSDS Number: CLHPK
=== Responsible Party ===
Company Name:MOBIL OIL CORP
Address:3225 GALLOWS RD
City:FAIRFAX
State:VA
ZIP:22037-0001
Country:US
Info Phone Num:800-662-4525, 703-849-3451
Emergency Phone Num:609-737-4411 (COLLECT)
Prepar
er's Name:NOT PROVIDED
Chemtrec Ind/Phone:(800)424-9300
CAGE:6G112
=== Contractor Identification ===
Company Name:MOBIL OIL CORP
Address:3225 GALLOWS RD
Box:City:FAIRFAX
State:VA
ZIP:22037
Country:US
Phone:800-662-4525, 856-224-4644
CAGE:6G112

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Composition/Information on Ingredients
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Ingred Name:RESIDUAL FUEL OIL
CAS:68476-33-5
RTECS #:LS8960000
= Wt:100.
Other REC Limits:NOT PROVIDED
OSHA PEL:NOT PROVIDED
ACGIH TLV:NOT PROVIDED

Ingred Name:HYDROGEN SULFIDE
CAS:778

3-06-4
RTECS #:MX1225000
= Wt:.04
Other REC Limits:NOT PROVIDED
OSHA PEL:SEE TABLE Z-2
ACGIH TLV:14 MG/M3;10 PPM
ACGIH STEL:21 MG/M3;15 PPM
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) > 2,000 MG/KG
Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO
Health Hazards Acute and Chronic:EFFECTS OF OVEREXPOSURE: WARNING:
TRACE AMOUNTS OF HYDROGEN SULFIDE (H2S), A HIGHLY TOXIC GAS MAY BE
PRE
SENT. USE APPROPRIATE RESPIRATORY EQUIPMENT. RESPIRATORY
IRRITATION, DIZZINESS, NAUSEA, LOSS OF CONSCIOUSNESS. PROLONGED,
REPEATED SKIN CONTACT MAY RESULT IN SKIN IRRITATION OR MORE SERIOUS
SKIN DISORDERS. NOTE: THIS PRODUCT CONTAINS POLYCYCLIC AROMATIC
HYDROCARBONS, SOME OF WHICH HAVE BEEN REPORTED TO CAUSE SKIN
CANCER IN HUMANS UNDER CONDITIONS OF POOR PERSONAL HYGIENE AND
PROLONGED, REPEATED CONTACT. TOXIC EFFECTS ARE UNLIKELY TO OCCUR IN
HUMANS IF GOOD PERSONAL
HYGIENE PRACTICES ARE USED .
Explanation of Carcinogenicity:IARC = 2B.
Effects of Overexposure:RESPIRATORY IRRITATION, DIZZINESS, NAUSEA, LOSS
OF CONSCIOUSNESS. PROLONGED, REPEATED SKIN CONTACT MAY RESULT IN
SKIN IRRITATION.
Medical Cond Aggravated by Exposure:NOT PROVIDED

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

First Aid:EYE CONTACT: FLUSH THOROUGHLY WITH WATER. IF IRRITATION
OCCURS, CALL A PHYSICIAN. SKIN CONTACT: DRY WIPE EXPOSED SKIN AND
CLEANS
E WITH WATERLESS HAND CLEANER FOLLOWED BY WASHING WITH SOAP
AND WATER. REMOVE CONTAMINATED CLOTHING. LAUNDRY BEFORE REUSE.
INHALATION: REMOVE FROM FURTHER EXPOSURE. IF RESPIRATORY
IRRITATION, DIZZINESS, NAUSEA, OR UNCONSCIOUSNESS OCCURS, SEEK
IMMEDIATE MEDICAL ASSISTANCE. IF BREATHING HAS STOPPED, USE
MOUTH-TO-MOUTH RESUSCITATION. INGESTION: IF MEDICAL ATTENTION WILL
BE DELAYED, INDUCE VOMITING WITH IPECAC SYRUP/FINGER DOWN THROAT.
DO NOT INDUCE VOMITING/ GIVE ANYTHING

ING BY MOUTH TO AN UNCONSCIOUS
PATIENT.

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

Flash Point Method:PMCC

Flash Point:>60.C, 140.F

Lower Limits:N/E

Upper Limits:N/E

Extinguishing Media:CARBON DIOXIDE, FOAM, DRY CHEMICAL AND WATER FOG.
USE WATER TO KEEP FIRE EXPOSED CONTAINERS COOL.

Fire Fighting Procedures:IF A LEAK OR SPILL HAS NOT IGNITED, USE WATER
SPRAY TO DISPERSE THE VAPORS AND TO PROTECT PERSONNEL ATTEMPTING TO
STOP LEAK. WATER SPRAY MAY BE US

ED TO FLUSH SPILLS AWAY FROM

EXPOSURES. PREVENT RUNOFF FROM FIRE CONTROL OR DILUTION FROM
ENTERING STREAMS, SEWERS, OR DRINKING WATER SUPPLY. WEAR SCBA IN
ENCLOSED AREAS.

Unusual Fire/Explosion Hazard:MATERIAL IS COMBUSTIBLE.

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

Spill Release Procedures:ADSORB ON FIRE RETARDANT TREATED SAWDUST,
DIATOMACEOUS EARTH, ETC. SHOVEL UP AND DISPOSE OF AT AN
APPROPRIATE WASTE DISPOSAL FACILITY IN ACCORDANCE WITH CURR
ENT

APPLICABLE LAWS AND REGULATIONS, AND P RODUCT CHARACTERISTICS AT
TIME OF DISPOSAL. PREVENT SPILLS FROM ENTERING STORM SEWERS OR
DRAINS. REPORT SPILLS AS REQUIRED TO AUTHORITIES 800-424-8802.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN A COOL AREA. A FLAMMABLE
ATMOSPHERE CAN BE PRODUCED IN STORAGE TANK HEADSPACES. MONITOR AND
MAINTAIN HEADSPACE GAS CONCENTRATIONS BELOW FLAMM
ABLE LIMITS.

ENSURE THAT THERE ARE NO IGNITION SOU RCES IN THE AREA. AVOID
SPARKING CONDITIONS. GROUND AND BOND ALL TRANSFER EQUIPMENT.

Other Precautions:HARMFUL IN CONTACT WITH OR IF ABSORBED THROUGH THE
SKIN. H2S MAY BE PRESENT. AVOID INHALATION OF VAPORS OR MISTS.
PORTABLE CONTAINERS APPROVED FOR STORING FUEL MUST BE PLACED ON THE
GROUND AND THE NOZ ZEL MUST STAY IN CONTACT WITH THE CONTAINER WHEN
FILLING TO PREVENT BUILD UP AND DISCHARGE OF STATIC ELECTRICITY.

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

Respiratory Protection:APPROVED RESPIRATORY PROTECTIVE EQUIPMENT MUST BE USED IN HIGH VAPOR OR MIST CONCENTRATIONS.

Ventilation:USE IN WELL VENTILATED AREA. VENTILATION DESIRABLE AND EQUIPMENT SHOULD BE EXPLOSION PROOF.

Protective Gloves:IMPERVIOUS GLOVES MUST BE WORN.

Eye Protection:CHEMICAL TYPE GOGGLES SHOULD BE WORN.

Other Protective Equipment:IF CONTACT IS LIKELY OIL IMPERVIOUS CLOTHING MUST BE WORN.

Work Hygienic P

ractices:AVOID ALL PERSONAL CONTACT.

Supplemental Safety and Health

ABBREVIATION: N/A = NOT APPLICABLE. N/AV = NOT AVAILABLE. N/K =

UNKNOWN. N/P = NOT PROVIDED. N/R = NOT RELEVANT. N/D = NOT

DETERMINED. N/E = NOT ESTABLISHED. CNS = CENTRAL NERVOUS SYSTEM. GI

= GASTROINTESTINAL. SCBA = SELF CONTAINED BREATHING APPARATUS.

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

HCC:F4

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:>204.4C, 400.F

Decomp Temp:Decomp Text:NOT PR

OVIDED

Vapor Pres: 0.9

Spec Gravity:0.85-1.02

Viscosity:>25.0 CST @ 40C/104F

Solubility in Water:NEGLIGIBLE

Appearance and Odor:DARK, VISCOUS LIQUID - HYDROCARBON ODOR

Percent Volatiles by Volume:NOT PROVIDED

Corrosion Rate:NOT PROVIDED

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

Stability Indicator/Materials to Avoid:YES

HALOGENS, STRONG ACIDS, ALKALIES, AND OXIDIZERS.

Stability Condition to Avoid:HEAT, SPARKS, FLAME AND BUILD UP OF STATIC ELECTRICITY.

Hazardous De

composition Products:NITROGEN OXIDES, SULFUR OXIDES, CARBON MONOXIDE.

===== Toxicological Information =====

Toxicological Information:ORAL TOXICITY (RATS): PRACTICALLY NON-TOXIC (LD50): GREATER THAN 2000 MG/KG? BASED ON TESTING OF SIMILAR PRODUCTS AND/OR THE COMPONENTS. DERMAL TOXICITY (RABBITS): PRACTICALLY NON-TOXIC (LD50): GREATER THAN 2000 MG/KG?BASED ON TESTING OF SIMILAR PRODUCTS AND/OR THE COMPONENTS. INHALATION TOXICITY (RATS): PRACTICALLY NON-TOXIC (LC50: GREATER THAN 5 MG/L)... BASED ON TESTING OF SIMILAR PRODUCTS AND/OR THE COMPONENTS. EYE IRRITATION (RABBITS): PRACTICALLY NON-IRRITATING. (DRAIZE SCORE: > 6 BUT 15 OR LESS). --- BASED ON TESTING OF SIMILAR PRODUCTS AND/OR THE COMPONENTS. SKIN IRRITATION (RABBITS): PRACTICALLY NON-IRRITATING.

===== Ecological Information =====

Ecological:ENVIRONMENTAL FATE AND EFFECTS: NOT ESTABLISHED. HARMFUL TO AQUATIC ORGANISMS, MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT.

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

Waste Disposal Methods:PRODUCT IS SUITABLE FOR BURNING IN AN ENCLOSED, CONTROLLED BURNER FOR FUEL VALUE OR DISPOSAL BY SUPERVISED INCINERATION. SUCH BURNING MAY BE LIMITED PURSUANT TO THE RESOURCE CONSERVATION AND RECOVERY ACT. PRODUCT IS SUITABLE FOR PROCESSING BY AN APPROVED RECYCLING FACILITY OR CAN BE DISPOSED OF AT AN APPROPRIATE GOVERNMENT WASTE DISPOSAL FACILITY.

===== MSDS Transport Information =====

Transport Information:NOTE: THE FLASH POINT IS > 140F. DOT: FLAMMABLE LIQUID/COMBUSTIBLE LIQUID (49 CFR 173.120 (B) (2)). OSHA: COMBUSTIBLE LIQUID. IATA/IMO: FLAMMABLE LIQUID. USA DOT: SHIPPING NAME: FUEL OIL. HAZARD CLASS: COMBUSTIBLE LIQUID. ID NUMBER: NA1993. ERG NUMBER: 128. PACKING GROUP: PG III. PLACARD: COMBUSTIBLE. PRODUCT RQ: 250000 LBS (BASED ON RQ FOR HYDR

OGEN

SULFIDE). IMO: HAZARD CLASS & DIV: 3.3. UN NUMBER: 1268. PACKING GROUP: PG III. SHIPPING NAME: PETROLEUM DISTILLATE N.O.S. LABEL: FLAMMABLE LIQUID. ICAO/IATA: HAZARD CLASS: 3. UN NUMBER: 1268. PACKING GROUP: III. SHIPPING NAME: PETROLEUM DISTILLATE, N.O.S. LABEL: FLAMMABLE LIQUID.

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===== Regulatory Information =====

SARA Title III Information:U.S. SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) TITLE III: THIS PRODUCT CONTAINS NO

"EXTREMELY HAZARDOUS SUBSTANCES". SARA (311/312) REPORTABLE HAZARD CATEGORIES: FIRE, CHRONIC. THIS PRODUCT CONTAINS NO CHEMICALS REPORTABLE UNDER SARA (313) TOXIC RELEASE PROGRAM.

Federal Regulatory Information:ALL COMPONENTS COMPLY WITH TSCA. RCRA INFORMATION: THE UNUSED PRODUCT, IN MFR OPENION, IS NOT SPECIFICALLY LISTED BY THE EPA AS A HAZARDOUS WASTE (40 CFR, PART 261D), NOR IS IT FORMULATED TO CONTAIN MATERIALS WHICH ARE LISTED HAZARDOUS WASTES. IT DOES NOT EXHIBIT THE HAZARDOUS CHARACTERISTICS OF IGNITABILITY, CORROSIVITY, OR REACTIVITY AND IS NOT FORMULATED WITH CONTAMINANTS AS DETERMINED BY THE TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP). HOWEVER, USED PRODUCT MAY BE REGULATED.

State Regulatory Information:THE FOLLOWING PRODUCT INGREDIENTS ARE CITED ON THE LISTS BELOW: FUEL OIL: LIST CITATION 25. HYDROGEN SULFIDE (COMPONENT ANALYSIS) (0.04%) CAS NUMBER 7783-06-4: LIST CITATION 22. RESIDUAL FUEL OIL (684 76-33-5):

LIST CITATION 8, 17,
21. 8 = IARC; 17 = CA P65; 21 = LA RTK. 22 = MI 293; 25 = PA RTK.

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===== Other Information =====

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