

MOBIL OIL CORPORATION MATERIAL SAFETY DATA BULLETIN

REVISED: 12/08/89

***** I. PRODUCT IDENTIFICATION *****
MOBIL PREMIUM DIESEL FUEL

SUPPLIER: MOBIL OIL CORP. HEALTH EMERGENCY TELEPHONE: (609) 737-4411
CHEMICAL NAMES AND SYNONYMS: PET. HYDROCARBONS AND ADDITIVES TRANSPORT EMERGENCY TELEPHONE: (800) 424-9300 (CHEMTREC)
USE OR DESCRIPTION: DIESEL FUEL PRODUCT TECHNICAL INFORMATION: (800) 662-4525



Health: 2
Flammability: 2
Reactivity: 0

***** II. TYPICAL CHEMICAL AND PHYSICAL PROPERTIES *****

APPEARANCE: LEMON CLEAR LIQUID ODOR: MILD PH: NA
VISCOSITY AT 100 F, SUS: 35.0 AT 40 C, CS: 2.7
VISCOSITY AT 210 F, SUS: 28.0 AT 100 C, CS: 1.0
FLASH POINT F(C): > 100(38) (ASTM D-92)
MELTING POINT F(C): NA POUR POINT F(C): 0(-18)
BOILING POINT F(C): > 370(188)
RELATIVE DENSITY, 15/4 C: 0.85 SOLUBILITY IN WATER: NEGLIGIBLE
VAPOR PRESSURE-MM HG 20C: .4
NA=NOT APPLICABLE NE=NOT ESTABLISHED D=DECOMPOSES
FOR FURTHER INFORMATION, CONTACT YOUR LOCAL MARKETING OFFICE.

***** III. INGREDIENTS *****

POTENTIALLY HAZARDOUS INGREDIENTS:	WT PCT (APPROX)	EXPOSURE LIMITS (MG/M3)	SOURCES (PPM)	SOURCES (AND NOTES)
PETROLEUM DISTILLATES	100	575	100	A*

SEE SECTION XII FOR COMPONENT REGULATORY INFORMATION.

SOURCES: A=ACGIH-TLV, A*=SUGGESTED-TLV, M=MOBIL, O=OSHA, S=SUPPLIER
NOTE: LIMITS SHOWN FOR GUIDANCE ONLY. FOLLOW APPLICABLE REGULATIONS.

***** IV. HEALTH HAZARD DATA *****

--- INCLUDES AGGRAVATED MEDICAL CONDITIONS, IF ESTABLISHED ---
EFFECTS OF OVEREXPOSURE: SLIGHT SKIN IRRITATION. RESPIRATORY IRRITATION, DIZZINESS, NAUSEA, LOSS OF CONSCIOUSNESS. PROLONGED REPEATED SKIN CONTACT WITH LOW VISCOSITY MATERIALS MAY DEFAT THE SKIN RESULTING IN POSSIBLE IRRITATION AND DERMATITIS.

***** V. EMERGENCY AND FIRST AID PROCEDURES *****

--- FOR PRIMARY ROUTES OF ENTRY ---
EYE CONTACT: FLUSH WITH WATER.
SKIN CONTACT: WASH CONTACT AREAS WITH SOAP AND WATER.
INHALATION: REMOVE FROM FURTHER EXPOSURE. IF UNCONSCIOUSNESS OCCURS, SEEK IMMEDIATE MEDICAL ASSISTANCE AND CALL A PHYSICIAN. IF BREATHING HAS STOPPED, USE MOUTH TO MOUTH RESUSCITATION.
INGESTION: DO NOT INDUCE VOMITING. ADMINISTER VEGETABLE OIL. GET MEDICAL ASSISTANCE. (NOTE TO PHYSICIAN: MATERIAL IF ASPIRATED INTO THE LUNGS MAY CAUSE CHEMICAL PNEUMONITIS. TREAT APPROPRIATELY.)

***** VI. FIRE AND EXPLOSION HAZARD DATA *****

FLASH POINT F(C): > 100(38) (ASTM D-92)

FLAMMABLE LIMITS. LEL: NE UEL: NE

EXTINGUISHING MEDIA: CARBON DIOXIDE, FOAM, DRY CHEMICAL AND WATER FOG.

SPECIAL FIRE FIGHTING PROCEDURES: USE WATER TO KEEP FIRE EXPOSED CONTAINERS COOL. IF A LEAK OR SPILL HAS NOT IGNITED, USE WATER SPRAY TO DISPERSE THE VAPORS AND TO PROTECT MEN ATTEMPTING TO STOP LEAK. WATER SPRAY MAY BE USED TO FLUSH SPILLS AWAY FROM EXPOSURES. FOR FIRES IN ENCLOSED AREAS, FIREFIGHTERS MUST USE SELF-CONTAINED BREATHING APPARATUS. PREVENT RUNOFF FROM FIRE CONTROL OR DILUTION FROM ENTERING STREAMS OR DRINKING WATER SUPPLY.

UNUSUAL FIRE AND EXPLOSION HAZARDS: MATERIAL IS COMBUSTIBLE.

NFPA HAZARD ID: HEALTH: 0, FLAMMABILITY: 2, REACTIVITY: 0

***** VII. REACTIVITY DATA *****

STABILITY (THERMAL, LIGHT, ETC.): STABLE

CONDITIONS TO AVOID: HEAT, SPARKS, FLAME AND BUILD UP OF STATIC ELECTRICITY.

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZERS

HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

***** VIII. SPILL OR LEAK PROCEDURE *****

ENVIRONMENTAL IMPACT: REPORT SPILLS AS REQUIRED TO APPROPRIATE AUTHORITIES. U. S. COAST GUARD REGULATIONS REQUIRE IMMEDIATE REPORTING OF SPILLS THAT COULD REACH ANY WATERWAY INCLUDING INTERMITTENT DRY CREEKS. REPORT SPILL TO COAST GUARD TOLL FREE NUMBER 800-424-8802.

PROCEDURES IF MATERIAL IS RELEASED OR SPILLED: ADSORB ON FIRE RETARDANT TREATED SAWDUST, DIATOMACEOUS EARTH, ETC. SHOVEL UP AND DISPOSE OF AT AN APPROPRIATE WASTE DISPOSAL FACILITY IN ACCORDANCE WITH CURRENT APPLICABLE LAWS AND REGULATIONS, AND PRODUCT CHARACTERISTICS AT TIME OF DISPOSAL.

WASTE MANAGEMENT: 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. IN ADDITION, THE PRODUCT IS SUITABLE FOR PROCESSING BY AN APPROVED RECYCLING FACILITY OR CAN BE DISPOSED OF AT ANY GOVERNMENT APPROVED WASTE DISPOSAL FACILITY. USE OF THESE METHODS IS SUBJECT TO USER COMPLIANCE WITH APPLICABLE LAWS AND REGULATIONS AND CONSIDERATION OF PRODUCT CHARACTERISTICS AT TIME OF DISPOSAL.

***** IX. SPECIAL PROTECTION INFORMATION *****

EYE PROTECTION: NO SPECIAL EQUIPMENT REQUIRED.

SKIN PROTECTION: IF PROLONGED OR REPEATED SKIN CONTACT IS LIKELY, OIL IMPERVIOUS GLOVES SHOULD BE WORN. GOOD PERSONAL HYGIENE PRACTICES SHOULD ALWAYS BE FOLLOWED.

RESPIRATORY PROTECTION: NO SPECIAL REQUIREMENTS UNDER ORDINARY CONDITIONS OF USE AND WITH ADEQUATE VENTILATION.

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

***** X. SPECIAL PRECAUTIONS *****

STORAGE: STORE IN A COOL AREA.

MATERIALS MUST BE LABELED AS: COMBUSTIBLE. SEE APPENDIX FOR PRECAUTIONARY LABEL. FL-158

***** XI. TOXICOLOGICAL DATA *****

---ACUTE TOXICOLOGY---

ORAL TOXICITY (RATS): LD50: > 5 G/KG SLIGHTLY TOXIC(ESTIMATED) ---
BASED ON TESTING OF SIMILAR PRODUCTS AND/OR THE COMPONENTS.
DERMAL TOXICITY (RABBITS): LD50: > 5 G/KG NONTOXIC(ESTIMATED) ---BASED
ON TESTING OF SIMILAR PRODUCTS AND/OR THE COMPONENTS.
INHALATION TOXICITY (RATS): SLIGHTLY TOXIC(ESTIMATED) ---BASED ON
TESTING OF SIMILAR PRODUCTS AND/OR THE COMPONENTS.
EYE IRRITATION (RABBITS): EXPECTED TO BE NON-IRRITATING. ---BASED ON
TESTING OF SIMILAR PRODUCTS AND/OR THE COMPONENTS.
SKIN IRRITATION (RABBITS): MAY CAUSE SLIGHT IRRITATION ON PROLONGED OR
REPEATED CONTACT. ---BASED ON TESTING OF SIMILAR PRODUCTS AND/OR
THE COMPONENTS.

***** XII. REGULATORY INFORMATION *****

GOVERNMENTAL INVENTORY STATUS: ALL COMPONENTS REGISTERED IN ACCORDANCE
WITH TSCA AND EINECS.

D.O.T. SHIPPING NAME: FUEL OIL
D.O.T. HAZARD CLASS: COMBUSTIBLE LIQUID
TRANSPORT NO: NA 1993
EEC LABEL CLASS: XN (R40 R21 S43 S24 S2 S46)

US OSHA HAZARD COMMUNICATION STANDARD: PRODUCT ASSESSED IN ACCORDANCE
WITH OSHA 29 CFR 1910.1200 AND DETERMINED TO BE HAZARDOUS.

RCRA INFORMATION: THE DISPOSAL OF THE UNUSED PRODUCT MAY BE SUBJECT
TO RCRA REGULATIONS PER 40 CFR PART 261 FOR THE REASONS INCLUDING,
BUT NOT LIMITED TO THOSE LISTED BELOW. DISPOSAL OF THE USED
PRODUCT MAY BE REGULATED.

FLASH: > 100(38) F(C)

U.S. SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) TITLE III:
THIS PRODUCT CONTAINS NO "EXTREMELY HAZARDOUS SUBSTANCES".

SARA (302) REPORTABLE HAZARD CATEGORIES:
FIRE

THIS PRODUCT CONTAINS NO CHEMICALS REPORTABLE UNDER
SARA (313) TOXIC RELEASE PROGRAM.

THE FOLLOWING PRODUCT INGREDIENTS ARE CITED ON THE LISTS BELOW:

Table with 3 columns: CHEMICAL NAME, CAS NUMBER, LIST CITATIONS. Row 1: FUEL OIL, (blank), 7,8,9,12,17

--- KEY TO LIST CITATIONS ---

- 1 = OSHA Z, 2 = ACGIH, 3 = IARC, 4 = NTP, 5 = NCI,
6 = EPA CARC, 7 = NFPA 49, 8 = NFPA 325M, 9 = DOT HMT, 10 = CA RTK,
11 = IL RTK, 12 = MA RTK, 13 = MN RTK, 14 = NJ RTK, 15 = MI 293,
16 = FL RTK, 17 = PA RTK, 18 = CA P65.

--- NTP, IARC, AND OSHA INCLUDE CARCINOGENIC LISTINGS ---

NOTE: MOBIL PRODUCTS ARE NOT FORMULATED TO CONTAIN PCBS.

 INFORMATION GIVEN HEREIN IS OFFERED IN GOOD FAITH AS ACCURATE, BUT WITHOUT GUARANTEE. CONDITIONS OF USE AND SUITABILITY OF THE PRODUCT FOR PARTICULAR USES ARE BEYOND OUR CONTROL; ALL RISKS OF USE OF THE PRODUCT ARE THEREFORE ASSUMED BY THE USER AND WE EXPRESSLY DISCLAIM ALL WARRANTIES OF EVERY KIND AND NATURE, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE IN RESPECT TO THE USE OR SUITABILITY OF THE PRODUCT. NOTHING IS INTENDED AS A RECOMMENDATION FOR USES WHICH INFRINGE VALID PATENTS OR AS EXTENDING LICENSE UNDER VALID PATENTS. APPROPRIATE WARNINGS AND SAFE HANDLING PROCEDURES SHOULD BE PROVIDED TO HANDLERS AND USERS.

 PREPARED BY: MOBIL OIL CORPORATION
 ENVIRONMENTAL AFFAIRS AND TOXICOLOGY DEPARTMENT, PRINCETON, NJ
 FOR FURTHER INFORMATION, CONTACT:
 MOBIL OIL CORPORATION, PRODUCT FORMULATION AND QUALITY CONTROL
 3225 GALLOWES ROAD, FAIRFAX, VA 22037 (703) 849-3265

MOBIL
 OIL
 CORPORATION
 ENVIRONMENTAL
 AFFAIRS AND
 TOXICOLOGY
 DEPARTMENT
 PRINCETON, NJ
 08542

***** APPENDIX *****
FOR MOBIL USE ONLY: MCN: , MHC: 1* 0* 1* 0* 1*, MPPEC: C, PPEC: A,
US85-258 APPROVE 05/23/89

PRECAUTIONARY LABEL TEXT:

PETROLEUM DISTILLATE

DANGER.
HARMFUL OR FATAL IF SWALLOWED.

VAPOR HARMFUL. COMBUSTIBLE.
MAY CAUSE SKIN IRRITATION ON PROLONGED, REPEATED
SKIN CONTACT.

AVOID PROLONGED BREATHING OF VAPOR.
KEEP AWAY FROM HEAT AND FLAME.
KEEP CONTAINER CLOSED.
USE ONLY WITH ADEQUATE VENTILATION.
AVOID PROLONGED OR REPEATED SKIN CONTACT.

FIRST AID: IF SWALLOWED, DO NOT INDUCE VOMITING.
CALL A PHYSICIAN IMMEDIATELY.
IF INHALED, REMOVE TO FRESH AIR. IF NOT
BREATHING, GIVE ARTIFICIAL RESPIRATION, PREFERABLY
MOUTH-TO-MOUTH AND CALL A PHYSICIAN.

ATTENTION.

EMPTY CONTAINERS MAY CONTAIN PRODUCT RESIDUE, INCLUDING
FLAMMABLE OR EXPLOSIVE VAPORS. DO NOT CUT, PUNCTURE OR
WELD ON OR NEAR CONTAINER. ALL LABEL WARNINGS AND PRE-
CAUTIONS MUST BE OBSERVED UNTIL THE CONTAINER HAS BEEN
THOROUGHLY CLEANED OR DESTROYED.

REFER TO PRODUCT MATERIAL SAFETY DATA BULLETIN
FOR FURTHER SAFETY AND HANDLING INFORMATION.

MOBIL OIL CORPORATION, NEW YORK, N.Y. 10017 FL-158(5/83)

D.O.T. SHIPPING NAME: FUEL OIL
D.O.T. HAZARD CLASS: COMBUSTIBLE LIQUID
D.O.T. HAZARD IDENTIFICATION NUMBER: NA 1993

PRECAUTIONARY EEC LABEL TEXT:

XN - HARMFUL

R40 R21 - POSSIBLE RISKS OF IRREVERSIBLE EFFECTS. HARMFUL IN
CONTACT WITH SKIN.

S43 S24 S2 S46 - IN CASE OF FIRE USE FOAM/DRYPOWDER/CO2/HALON AVOID
CONTACT WITH SKIN. KEEP OUT OF REACH OF CHILDREN. IF
SWALLOWED, SEEK MEDICAL ADVICE IMMEDIATELY AND SHOW THIS
CONTAINER OR LABEL.