MOBIL OIL >> SUPER HP 20W-50
MATERIAL SAFETY DATA SHEET
FSC: 9150
NIIN: 00N028228
Manufacturer's CAGE: 0AHD0
Part No. Indicator: A
Part Number/Trade Name: SUPER HP 20W-50

General Information

Manufacturer's Name: MOBIL OIL CORP
Manufacturer's P. O. Box: 1031
Manufacturer's City: PRINCETON
Manufacturer's State: NJ
Manufacturer's Country: US
Manufacturer's Zip Code: 08540
Manufacturer's Emerg Ph #: 609-737-4411; 800-424-9300 (CHEMTREC)
Manufacturer's Info Ph #: 609-737-5596; 800-662-4525
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 001
Status: SMJ
Date MSDS Prepared: 08DEC89
Safety Data Review Date: 16MAR92
MSDS Preparer's Name: ENVIRON AFFAIRS/TOX DEPT
Preparer's Company: SAME
MSDS Serial Number: BMGGR
Hazard Characteristic Code: NK
Report for NIIN: 00N028228

Ingredients/Identity Information

Proprietary: NO
Ingredient: Refined Mineral Oils
Ingredient Sequence Number: 01
Percent: >80
NIOSH (RTECS) Number: 1082845RM
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Proprietary: NO
Ingredient: Additives and/or Other Ingredients
Ingredient Sequence Number: 02
Percent: <20
NIOSH (RTECS) Number: 1003746AD
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Proprietary: NO
Ingredient: Zinc Dialkyl Dithiophosphate
Ingredient Sequence Number: 03
Percent: 1.04
NIOSH (RTECS) Number: 10012132D
CAS Number: 68457-79-4
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Proprietary: NO
Ingredient: Acetic Acid, Copper (2+) Salt
Ingredient Sequence Number: 04
NIOSH (RTECS) Number: AG3480000
CAS Number: 142-71-2
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Proprietary: NO
Ingredient: COPPER (ELEMENTAL ANALYSIS). OSHA PEL: 1 MG/M3 DUST, 0.1 MG/M3 FUME. ACGIH TLV: 1 MG/M3 DUST, 0.2 MG/M3 FUME.
Ingredient Sequence Number: 05
Percent: 0.012
Report for NIIN: 00N028228
NIOSH (RTECS) Number: GL53250000
CAS Number: 7440-50-8
OSHA PEL: SEE INGREDIENT NAME
ACGIH TLV: SEE INGREDIENT NAME

Proprietary: NO
Ingredient: ZINC (ELEMENTAL ANALYSIS)
Ingredient Sequence Number: 06
Percent: 0.12
NIOSH (RTECS) Number: ZG86000000
CAS Number: 7440-66-6
OSHA PEL: 10 MG/M3 TDUST
ACGIH TLV: 10 MG/M3 TDUST

Proprietary: NO
Ingredient: SUPP DATA:SERVICE STATION WORKERS/ENGINE MECHANICS/ALL PERS WHO REGULARLY HNDL USED MOTOR OIL SHOULD TAKE PRECS (ING 8)
Ingredient Sequence Number: 07
NIOSH (RTECS) Number: 9999999ZZ
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Proprietary: NO
Ingredient: ING 7:TO MINIMIZE CONTACT WITH OIL.
Ingredient Sequence Number: 08
NIOSH (RTECS) Number: 9999999ZZ
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Proprietary: NO
Ingredient: WASTE DISP METH:APPRVD WASTE DISP FACILITY. USE OF THESE METHODS IS SUBJECT TO USER COMPLIANCE W/APPLIC LAWS (ING 10)
Ingredient Sequence Number: 09
NIOSH (RTECS) Number: 9999999ZZ
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Report for NIIN: 00N028228
Proprietary: NO
Ingredient Sequence Number: 10
NIOSH (RTECS) Number: 9999999ZZ
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Physical/Chemical Characteristics

Appearance And Odor: LIQUID WITH MILD ODOR
Boiling Point: >600F, >316C
Melting Point: N/A
Vapor Pressure (MM Hg/70 F): <0.1 @ 20C
Solubility In Water: NEGLIGIBLE
Fire and Explosion Hazard Data

Flash Point: >415°F, >213°C
Flash Point Method: COC
Lower Explosive Limit: 0.6%
Upper Explosive Limit: 7%
Extinguishing Media: CARBON DIOXIDE, FOAM, DRY CHEMICAL AND WATER FOG.
Special Fire Fighting Proc: WEAR NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP (FF N). WATER/FOAM MAY CAUSE FROTHING. USE WATER TO KEEP FIRE EXPOSED CNTNRS COOL. WATER SPRAY MAY BE USED (SUPDAP).
Unusual Fire And Expl Hazards: NONE.

Reactivity Data

Stability: YES
Cond To Avoid (Stability): NONE SPECIFIED BY MANUFACTURER.
Materials To Avoid: STRONG OXIDIZERS.
Hazardous Decomp Products: CO.
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): NOT RELEVANT.
Report for NIIN: 00N026228

Health Hazard Data

LD50-LC50 Mixture: LD50: (ORAL RAT) >5 G/KG.
Route Of Entry - Inhalation: NO
Route Of Entry - Skin: NO
Route Of Entry - Ingestion: YES
Health Haz Acute And Chronic: INHAL: HARMFUL CONC OF MISTS &/OR VAPS ARE UNLIKELY TO BE ENCOUNTERED THRU ANY CUSTOMARY OR REASONABLY FORSEEABLE HANDLING, USE, OR MISUSE OF PROD. EYE: MAY CAUSE SLIGHT IRRIT. SKIN: MAY CAUSE SLIGHT IRRIT UPON RPTD/PRLNGD CONT. SEVERELY SOLV REFINED & SEVERELY HYDROTREATED MINERAL BASE OILS HAVE BEEN (EFTS OF OVEREXP)
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: NOT RELEVANT.
Signs/Symptoms Of Overexp: HLTH HAZ: TESTED AT MOBIL ENVIRON & HLTH SCIENCES LAB BY DERM APPLC 5 DAYS/WEEK FOR 90 DAYS @ DOSES SIGNIFICANTLY HIGHER THAN THOSE EXPECTED DURING NORMAL INDUST EXPOS. EXTENSIVE EVALUATIONS INCL MICROSCOPIC EXAM OF INTERNAL ORGANS & CLINICAL CHEM OF BODY FLUIDS, SHOWED NO ADVERSE EFTS. STUDIES HAVE SHOWN THAT (SUPDAP)
Med Cond Aggravated By Exp: NONE SPECIFIED BY MANUFACTURER.
Emergency/First Aid Proc: EYE: FLUSH WITH WATER FOR AT LEAST 15 MINUTES.
SKIN: WASH CONTACT AREAS WITH SOAP & WATER. INHAL: MOVE TO FRESH AIR. SUPPORT BRTGH (GIVE O*2/ARTF RESP) (FF N). INGEST: IF GREATER THAN 1/2 LITER (PINT) INGESTED, IMMEDIATELY GIVE 1-2 GLASSES OF WATER & CALL MD, HOSPITAL EMERGENCY ROOM OR POISON CONTROL CENTER FOR ASSISTANCE. DO NOT INDUCE VOMITING OR GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: ABSORB ON FIRE RETARDANT TREATED SAWDUST, DIATOMACEOUS EARTH, ETC. SHOVEL UP & DISP OF AT APPROP WASTE DISP FACILITY I/A/WITH CURRENT APPLICABLE LAWS & REGULATIONS, AND PRODUCT CHARACTERISTICS AT TIME OF DISPOSAL.
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.
Waste Disposal Method: PROD SUITABLE FOR BURNING IN ENCLSD, CNTRLD BURNER FOR FUEL VALVE OR DISP BY SUPERVISED INCIN. SUCH BURNING MAY BE LIMITED PURSUANT TO RCRA. IN ADDN, PROD SUITABLE FOR PROCESSING BY APPRVD RECYCLING FACILITY/CAN BE DISP OF AT ANY GOVERNMENT (ING 9)
Precautions-Handling/Storing: NONE SPECIFIED BY MANUFACTURER.
Other Precautions: NONE SPECIFIED BY MANUFACTURER.

Control Measures

Respiratory Protection: NO SPECIAL REQUIREMENTS UNDER ORDINARY CONDITIONS OF USE AND WITH ADEQUATE VENTILATION. NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN (FP N).
Ventilation: NO SPECIAL REQUIREMENTS UNDER ORDINARY CONDITIONS OF USE AND WITH ADEQUATE VENTILATION.
Protective Gloves: IMPERVIOUS GLOVES (FP N).
Eye Protection: CHEMICAL WORKERS GOGGLES (FP N).
Other Protective Equipment: NONE SPECIFIED BY MANUFACTURER.
Work Hygienic Practices: GOOD PERSONAL HYGIENE PRACTICES SHOULD ALWAYS BE FOLLOWED.
Suppl. Safety & Health Data: FIRE FIGHT PROC: TO FLUSH SPILLS AWAY FROM EXPOS. EFTS OF OVEREXP:MICE DEVELOPED SKIN CANCER AFTER RPTD APPLIC OF USED Report for NIIN: 00N028228
GAS ENGINE OIL TO SKIN FOR LIFETIME OF ANIMALS. NO EFFORT WAS MADE TO WASH OIL OFF BETWEEN APPLICS. USED OIL FROM DIESEL ENGINES DID NOT PRODUCE THIS EFT. BECAUSE OF EFTS OBSERVED IN LAB TESTS, (ING 7)

Transportation Data

Trans Data Review Date: 92134
DOT PSN Code: ZZZ
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION *
IMO PSN Code: ZZZ
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION
IATA PSN Code: ZZZ
IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
API PSN Code: ZZZ
API Prop. Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION *
Additional Trans Data: NOT REGULATED FOR TRANSPORTATION

Disposal Data

Report for NTIN: 00N028228

Label Data

Label Required: YES
Technical Review Date: 16MAR92
Label Date: 16MAR92
Label Status: B
Common Name: SUPER HP 20W-50
Chronic Hazard: NO
Signal Word: CAUTION!
Acute Health Hazard-Slight: X
Contact Hazard-Slight: X
Fire Hazard-Slight: X
Reactivity Hazard-None: X
Special Hazard Precautions: NORMAL INDUSTRIAL PROTECTION PRACTICES SHOULD BE EMPLOYED. ACUTE: MAY CAUSE SLIGHT EYE AND SKIN IRRITATION. CHRONIC: NONE LISTED BY MANUFACTURER.
Protect Eye: X
Protect Skin: X
Protect Respiratory: X
Label Name: MOBIL OIL CORP
Label P.O. Box: 1031
Label City: PRINCETON
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