

VALVOLINE COMPANY -- SUPER HPO MOTOR OIL SAE 30W -- 9150-00N072289

===== Product Identification =====

Product ID: SUPER HPO MOTOR OIL SAE 30W

MSDS Date: 02/28/1996

FSC: 9150

NIIN: 00N072289

MSDS Number: CBXXG

=== Responsible Party ===

Company Name: VALVOLINE COMPANY

Box: 14000

City: LEXINGTON

State: KY

ZIP: 40512

Country: US

Info Phone Num: 606-357-7847

Emergency Phone Num: 800-274-5263

CAGE: J0366

=== Contractor Identification ===

Company Name: VALVOLINE COMPANY

Box: 14000

City: LEXINGTON

State: KY

ZIP: 40512

Country: US

Phone: 859-357-7206; EMERGENCY: 800-274-5263

CAGE: J0366

Company Name: VALVOLINE OIL CO

Address: 3499 BLAZER PKY

Box: 14000

City: LEXINGTON

State: KY

ZIP: 40512

Country: US

Phone: 606-357-7206 / 800-274-5263

CAGE: 72527

===== Composition/Information on Ingredients =====

Ingred Name: MINERAL OIL, PETROLEUM DISTILLATE, SOLVENT-DEWAXED, HEAVY
PARAFFINIC (SEVERE SOLVENT-REFINING AND/OR (ING 2)

CAS: 64742-65-0

RTECS #: PY8038501

Fraction by Wt: SEE ING

OSHA PEL: N/K

ACGIH TLV: N/K

Ingred Name: ING 1: HYDROTREATMENT); (ALIPHATIC PETROLEUM DISTILLATES) %
(WT): 84.0-94.0

RTECS #: 9999999ZZ

Ingred Name: DETERGENT/DISPERSANT ENGINE OIL PACKAGE %(WT): 6.0-16.0

Fraction by Wt: SEE ING

OSHA PEL: N/K

ACGIH TLV: N/K

Ingred Name: PHOSPHORODITHOIC ACID, O-O-D1 C1-14-ALKYL ESTERS, ZINC
SALTS (2:1) (ZDDP); (ZINC COMPOUNDS)

CAS: 68649-42-3

Fraction by Wt: 1.1-1.1%

Ingred Name: FIRST AID PROC: VICTIM UNATTENDED. INHAL: IF SYMPS DEVELOP,
IMMED MOVE INDIVIDUAL AWAY FROM EXPOS & INTO FRESH (ING 6)

RTECS #:9999999ZZ

Incred Name:ING 5:AIR. SEEK IMMEDIATE MEDICAL ATTENTION; KEEP PERSON
WARM AND QUIET. IF PERSON IS NOT BREATHING, BEGIN (ING 7)

RTECS #:9999999ZZ

Incred Name:ING 6:ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT,
ADMINISTER OXYGEN.

RTECS #:9999999ZZ

Incred Name:SPILL PROC:SHOULD BE EXCLUDED FROM AREA OF SPILL UNTIL
CLEAN-UP HAS BEEN COMPLETED. STOP SPILL AT SOURCE, DIKE (ING 9)

RTECS #:9999999ZZ

Incred Name:ING 8:AREA OF SPILL TO PREVENT SPREADING, PUMP LIQUID TO
SALVAGE TANK. REMAINING LIQUID MAY BE TAKEN UP ON (ING 10)

RTECS #:9999999ZZ

Incred Name:ING 9:SAND, CLAY, EARTH, FLOOR ABSORBENT, OR OTHER
ABSORBENT MATERIAL AND SHOVELED INTO CONTAINERS.

RTECS #:9999999ZZ

Incred Name:HNDLG/STOR PREC:ALL HAZARD PRECAUTIONS GIVEN IN THE DATA
SHEET MUST BE OBSERVED.

RTECS #:9999999ZZ

Incred Name:VENT:(GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN
EXPOSURE BELOW PEL/TLV (S).

RTECS #:9999999ZZ

Incred Name:SUPDAT:OIL HAS BEEN SHOWN TO CAUSE SKIN CANCER IN
LABORATORY ANIMALS CONTINUALLY EXPOSED BY RPTD APPLICATIONS. (ING
14)

RTECS #:9999999ZZ

Incred Name:ING 13:AVOID PROLONGED OR REPEATED SKIN CONTACT.

RTECS #:9999999ZZ

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYE:EXPOS MAY CAUSE MILD EYE IRRIT.

SYMPS MAY INCL STINGING, TEARING, & REDNESS. SKIN:EXPOS MAY CAUSE
MILD SKIN IRRIT. PRLNG/RPTD EXPOS MAY DRY THE SKIN. SYMPs MAY INCL
REDNESS, BURNING, DRYING & CRACKING, & SKIN BURNS. PRE-EXISTING
SKIN DISORDERS MAY BE AGGRAVATED BY EXPOS TO THIS MATL. INGEST:
(EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:HLTH HAZ:SINGLE DOSE ORAL TOX IS LOW. INGEST
SMALL AMTS DURING NORM HNDL IS NOT LIKELY TO CAUSE HARMFUL EFTS;
INGEST LRG AMTS MAY BE HARMFUL. INHAL:EXPOS IS POSS UNDER CERTAIN
CNDTNS OF HNDLG & USE (FOR EXAMPLE, DURING HEATING,
SPRAYING/STIRRING). SYMPs ARE MORE TYPICALLY SEEN AT AIR CONCS
EXCEEDING (SUPDAT)

Medical Cond Aggravated by Exposure:PRE-EXISTING LUNG DISORDERS, E.G.
ASTHMA-LIKE CONDITIONS, MAY BE AGGRAVATED BY EXPOSURE TO THIS
MATERIAL.

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

First Aid:EYES:MOVE INDIVIDUAL AWAY FROM EXPOS & INTO FRESH AIR. FLUSH
EYES GENTLY W/H*20 WHILE HOLDING EYELIDS APART. IF SYMPs
PERSIST/THERE IS ANY VISUAL DEFCLT, SEEK MED ATTN. SKIN:REMOVE CONTD

CLTHG. WASH EX POSED AREA W/SOAP & H*2O. IF SYMPS PERSIST, SEEK MED ATTN. LAUNDRER CLTHG BEFORE REUSE. INGEST:DO NOT INDUCE VOMIT. GIVE ONE GLASS OF MILK/H*2O, & GET MED ATTN IMMED. IF POSS, DO NOT LEAVE (ING 5)

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

Flash Point:430F,221C
Extinguishing Media:REGULAR FOAM, CARBON DIOXIDE, DRY CHEMICAL.
Fire Fighting Procedures:USE NIOSH APPRVD SCBA & FULL PROT EQUIP .
WATER/FOAM MAY CAUSE FROTHING WHICH CAN BE VIOLENT & POSSIBLY
ENDANGER THE LIFE OF THE FIREFIGHTER. (SUPDAT)
Unusual Fire/Explosion Hazard:NEVER USE WELDING/CUTTING TORCH ON/NEAR
DRUM (EVEN EMPTY) BECAUSE PROD (EVEN JUST RESIDUE) CAN IGNITE
EXPLOSIVELY. DENSE SMOKE MAY BE GENERATED WHILE BURNING.

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

Spill Release Procedures:SMALL SPILL:ABSORB LIQ ON VERMICULITE, FLOOR
ABSORB/OTHER ABSORB MATL. LRG SPILL:PVNT RUN-OFF TO SEWERS,
STREAMS/OTHER BODIES OF H*2O. IF RUN-OFF OCCURS, NOTIFY PROPER AUTH
AS REQ, THAT A SPILL HAS OC CURED. PERSONS NOT WEARING PROT EQUIP
(ING 8)
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:CONTAINERS OF THIS MATERIAL MAY BE
HAZARDOUS WHEN EMPTIED. SINCE EMPTIED CONTAINERS RETAIN PRODUCT
RESIDUES (VAPOR, LIQUID, AND/OR SOLID), (ING 11)
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:NOT REQUIRED UNDER NORMAL CONDITIONS OF USE.
HOWEVER, IF OIL MISTS ARE GENERATED ABOVE RECOMMENDED PEL/TLV OF 5
MG/M3, THEN A NIOSH APPROVED RESP IS ADVISED IN ABSENCE OF PROPER
ENVIRONMENTAL CONTROL. (CONSULT YOUR INDUSTRIAL HYGIENIST.)
Ventilation:NOT REQD UNDER NORM CNDTNS OF USE. HOWEVER, IF UNUSUAL
OPERATING CNDTNS EXIST, THEN PROVIDE SUFFICIENT MECH (ING 12)
Protective Gloves:NITRILE RUBBER GLOVES.
Eye Protection:ANSI APPROVED CHEM WORKERS GOGGS .
Other Protective Equipment:EYE WASH FOUNTAIN & DELUGE SHOWER WHICH MEET
ANSI DESIGN CRITERIA . WEAR NORMAL WORK CLTHG COVERING ARMS & LEGS.
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.
Supplemental Safety and Health
FIRE FIGHT PROC:REFER TO THE PERSONAL PROT EQUIP SECTION OF THIS MSDS.
EFTS OF OVEREXP:THE REC EXPOS LIM. SYMP OF EXPOS: GI IRRIT (NAUSEA,
VOMIT, DIARR), IRRIT (NOSE, THROAT, RESP TRACT) (PRE-EXISTING LUNG
DISORDERS, E.G. ASTHMA-LIKE CNDTNS, MAY AGGRAVATED BY EXPOS TO THIS
MATERIAL), ABDOMINAL PAIN. USE MOTOR (ING 13)

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

Boiling Pt:B.P. Text:>425F,>218C
Vapor Density:N/K
Spec Gravity:0.891 @ 60.00F
Solubility in Water:NONE SPECIFIED BY M.
Appearance and Odor:DRY, CLEAR & BRIGHT. STATE: LIQUID

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

Stability Indicator/Materials to Avoid:YES
AVOID CONTACT WITH: STRONG OXIDIZING AGENTS.
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:MAY FORM: CARBON DIOXIDE AND CARBON MONOXIDE, OXIDES OF SULFUR, NITROGEN AND PHOSPHORUS, VARIOUS HYDROCARBONS.

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

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

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