

VALVOLINE OIL -- HIGH PERFORMANCE GEAR LUBE 80-W-90 -- 9150-01-035-5393

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

Product ID:HIGH PERFORMANCE GEAR LUBE 80-W-90

MSDS Date:03/04/1998

FSC:9150

NIIN:01-035-5393

Status Code:A

MSDS Number: CKGBR

=== Responsible Party ===

Company Name:VALVOLINE OIL

Address:3499 DABNEY DRIVE

Box:14000

City:LEXINGTON

State:KY

ZIP:40512

Country:US

Info Phone Num:606-357-7847

Emer

gency Phone Num:800-274-5263

Resp. Party Other MSDS Num.:505.0091437-009.009

CAGE:72527

=== Contractor Identification ===

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

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

Ingred Name:PETROLEUM DISTILLATES

CAS:64742-65-0

RTECS #:PY8038500

Minumum % Wt:87.

Maxumum % Wt:97.

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3 (OIL M

IST)

Ingred Name:LUBE OIL ADDITIVE

Minumum % Wt:2.9

Maxumum % Wt:13.

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:EYE: UNLIKELY TO CAUSE EYE IRRITATION OR INJURY. SKIN: MAY CAUSE MILD SKIN IRRITATION. PROLONGED OR REPEATED CONTACT MAY DRY THE SKIN. SYMPTOMS MAY INCLUDE REDNESS, BURNING, DRYING AND CRACKING OF SK IN,

AND SKIN BURNS. SWALLOWING:

SWALLOWING SMALL AMOUNTS OF THIS MATERIAL DURING NORMAL HANDLING IS NOT LIKELY TO CAUSE HARMFUL EFFECTS. SWALLOWING LARGE AMOUNTS MAY BE HARMFUL. INHALATION: IT IS POSSIBLE TO BREATHE THIS MATERIAL UNDER CERTAIN CONDITIONS OF HANDLING AND USE (FOR EXAMPLE, DURING HEATING, SPRAYING OR STIRRING). SYMPTOMS USUALLY OCCUR AT AIR CONCENTRATIONS HIGHER THAN THE RECOMMENDED EXPOSURE LIMITS.

Explanation of Carcinogenicity:CANCER INFORMATION: NO DATA

Effects of Overexposure:STOMACH OR INTESTINAL UPSET (NAUSEA, VOMITING, DIARRHEA), IRRITATION (NOSE, THROAT, AIRWAYS), PAIN IN THE ABDOMEN.

TARGET ORGAN EFFECTS: NO DATA. DEVELOPMENTAL INFORMATION: NO DATA. OTHER HEALTH EFFECTS: NO DATA. PRIMARY ROUTE(S) OF ENTRY: NO DATA.

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

First Aid:EYES: IF SYMPTOMS DEVELOP, MOVE INDIVIDUAL AWAY FROM EXPOSURE AND INTO FRESH AIR. FLUSH EYES GENTLY WITH WATER WHILE HOLDING

EYELIDS APART. IF SYMPTOMS PERSIST OR THERE IS ANY VISUAL DIFFICULTY, SEEK MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH EXPOSED AREA WITH SOAP AND WATER. IF SYMPTOMS PERSIST, SEEK MEDICAL ATTENTION. LAUNDER CLOTHING BEFORE REUSE. SWALLOWING: DO NOT INDUCE VOMITING. GIVE ONE GLASS OF MILK OR WATER, AND GET MEDICAL ATTENTION IMMEDIATELY. IF POSSIBLE, DO NOT LEAVE VICTIM UNATTENDED. INHALATION: IF SYMPTOMS DEVELOP, IMMEDIATELY MOVE INDIVIDUAL

AWAY FROM EXP OSURE AND INTO FRESH AIR.
(SUP DATA)

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

Flash Point Method:COC
Flash Point:=148.9C, 300.F
Autoignition Temp:Autoignition Temp Text:NO DAT
Lower Limits:NOT APPLIC
Upper Limits:NOT APPLIC
Extinguishing Media:REGULAR FOAM, CARBON DIOXIDE, DRY CHEMICAL.
Fire Fighting Procedures:WATER OF FOAM MAY CAUSE FROTHING WHICH CAN BE VIOLENT AND POSSIBLY ENDANGER THE LIFE OF THE FIREFIGHTER. WEAR A SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE DEMAND MODE WITH APPROPRIATE TURN-OUT GEAR AND CHEMICAL RESISTANT PERSONAL PROTECTIVE EQUIPMENT. SEE PPE SECTION.
Unusual Fire/Explosion Hazard:NEVER USE WELDING OR CUTTING TOUCH ON OR NEAR DRUM (EVEN EMPTY) BECAUSE PRODUCT (EVEN JUST RESIDUE) CAN IGNITE EXPLOSIVELY. DENSE SMOKE MAY BE GENERATED WHILE BURNING. HAZARDOUS PRODUCTS OF COMBUSTION: MAY FORM: CARBON DIOXIDE AND CARBON MONOXIDE, OXIDES OF SULFUR, NITROGEN AND PHOSPHORUS, VARIOUS HYDROCARBONS.

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

Spill Release Procedures:SMALL SPILL: ABSORB LIQUID ON VERMICULITE, FLOOR ABSORBENT OR OTHER ABSORBENT MATERIAL. LARGE SPILL: PREVENT RUN-OFF TO SEWERS, STREAMS OR OTHER BODIES OF WATER. IF RUN-OFF OCCURS, NOTIFY THE PROPER AUTHORITIES AS REQUIRED, THAT A SPILL HAS OCCURRED. PERSONS NOT WEARING PROTECTIVE EQUIPMENT SHOULD BE EXCLUDED FROM THE AREA OF SPILL UNTIL CLEAN-UP HAS BEEN COMPLETED.
STOP SPILL AT(ECOLOGICAL INFO)

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

Handling and Storage Precautions:HANDLING: CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED. SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES (VAPOR, LIQUID, AND/OR SOLID), ALL HAZARD PRECAUTIONS GIVEN IN THE DATA SHEET MUST BE OBSERVED. STORAGE: NOT APPLICABLE.

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===== Exposure Controls/Personal Protection

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Respiratory Protection:NOT REQUIRED UNDER NORMAL CONDITIONS OF USE.
HOWEVER, IF OIL MISTS ARE GENERATED ABOVE THE RECOMMENDED PEL/TLV
OF 5 MG/M3, THEN A NIOSH APPROVED RESPIRATOR IS ADVISED IN ABSENCE
OF PROPER ENVIRONMENTAL CONTROL. (SEE YOUR INDUSTRIAL HYGIENIST.)
Ventilation:PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL
EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW PEL/TLV (S).
Protective Gloves:RESISTANT GLOVES SUCH AS NITRILE RUBBER TO PREVENT

IRRITATION

Eye Protection:ANSI APPROVED CHEMICAL SPLASH GOGGLES .
Other Protective Equipment:EYEWASH AND DELUGE SHOWER MEETING ANSI
DESIGN CRITERIA . WEAR NORMAL WORK CLOTHING COVERING ARMS AND LEGS.
Supplemental Safety and Health
NFPA RATING: HEALTH - 1, FLAMMABILITY - 1, REACTIVITY - 0. FIRST AID
(CONT): SEEK IMMEDIATE MEDICAL ATTENTION; KEEP PERSON WARM AND
QUIET. IF PERSON IS NOT BREATHING, BEGIN ARTIFICIAL RESPIRATION. IF
BREATHING IS DIFFICULT, ADMINISTER OXYGEN. NOTE TO
PHYSICIANS: NO
DATA.

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

Boiling Pt:>218.3C, 425.F
B.P. Text:@ 760 MMHG
Vapor Density:NOT APPLIC
Spec Gravity:.890 @ 60.0F
Viscosity:14.0 - 15.0 CST @ 100C
Evaporation Rate & Reference:SLOWER THAN ETHYL ETHER
Appearance and Odor:DRY, CLEAR & BRIGHT LIQUID
Percent Volatiles by Volume:NO DATA

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

Stability Indicator/Materials to Avoid:YES
AVOID CONTACT WITH:
STRONG OXIDIZING AGENTS.
Hazardous Decomposition Products:MAY FORM: CARBON DIOXIDE AND CARBON
MONOXIDE, OXIDES OF SULFUR, NITROGEN AND PHOSPHORUS, VARIOUS
HYDROCARBONS.
Conditions to Avoid Polymerization:PRODUCT WILL NOT UNDERGO HAZARDOUS
POLYMERIZATION.

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

Toxicological Information:NO DATA

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

Ecological:NO DATA. SPILL PROC (CONT): SOURCE, DIKE AREA

OF SPILL TO

PREVENT SPREADING, PUMP LIQUID TO SALVAGE TANK. REMAINING LIQUID MAY BE TAKEN UP ON SAND, CLAY, EARTH, FLOOR ABSORBENT, OR OTHER ABSORBENT MATERIAL AND SHOVELED INTO CONTAINERS.

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

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

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

Transport Information: DOT INFORMATION - 49 CFR

172.101: DOT

DESCRIPTION: NOT REGULATED. CONTAINER MODE: CASES/SURFACE - NO EXCEPTIONS. NOS COMPONENT: NONE. RQ (REPORTABLE QUANTITY) - 49 CFR 172.101: NOT APPLICABLE.

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

SARA Title III Information: SARA 302 COMPONENTS - 40 CFR 355 APPENDIX A:

NONE. SECTION 311/312 HAZARD CLASS - 40 CFR 370.2: IMMEDIATE.

SARA 313 COMPONENTS - 40 CFR 372.65: NONE.

Federal Regulatory Information: US FEDERAL REGULATIONS: TSCA

(TOXIC

SUBSTANCES CONTROL ACT) STATUS: TSCA (UNITED STATES) THE INTERNATIONAL INGREDIENTS OF THIS PRODUCT ARE LISTED. CERCLA RQ - 40 CFR 302.4: NONE. INTERNATIONAL REGULATIONS: INVENTORY STATUS: DSL (CANADA) THE INTERNATIONAL INGREDIENTS OF THIS PRODUCT ARE LISTED.

State Regulatory Information: CALIFORNIA PROPOSITION 65: NONE.

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

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