

VALVOLINE CO -- NAPA GEAR OIL 80W90 (PART 75210) -- 9150-00N073631

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

Product ID:NAPA GEAR OIL 80W90 (PART 75210)

MSDS Date:02/27/1996

FSC:9150

NIIN:00N073631

MSDS Number: CCNZK

=== Responsible Party ===

Company Name:VALVOLINE CO

Box:14000

City:LEXINGTON

State:KY

ZIP:40512

Country:US

Info Phone Num:606-357-7847

Emergency Phone Num:800-274-5263

CAGE:IO754

=== Contractor Identification ===

Company Name:THE VALVOLINE CO

Box:14000

City:LEXINGTON

State:KY

ZIP:40512

Country:US

Phone:606-357-7847

CAGE:IO754

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:MINERAL OIL, PETRO DISTILLATES, SOLV-DEWAXED HEAVY
PARAFFINIC (SEV SOLV-REFINING AND/OR HYDROTREATMENT); (PETRO
DISTILLS)

CAS:64742-65-0

RTECS #:PY8038501

Fraction by Wt: 87-97%

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:LUBE OIL ADDITIVE

Fraction by Wt: 2.9-13%

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:SPILL PROC: SHOULD BE EXCLUDED FROM AREA OF SPILL UNTIL
CLEAN-UP HAS BEEN COMPLETED. STOP SPILL AT SOURCE, DIKE (ING 4)

RTECS #:9999999ZZ

Ingred Name:ING 3: AREA OF SPILL TO PVNT SPREADING, PUMP LIQ TO SALVAGE
TANK. REMAINING LIQ MAY BE TAKEN UP ON SAND, CLAY, (ING 5)
RTECS #:9999999ZZ

Ingred Name:ING 4: EARTH, FLOOR ABSORBENT, OR OTHER ABSORBENT MATERIAL
AND SHOVELED INTO CONTAINERS.
RTECS #:9999999ZZ

Ingred Name:VENT: MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION
TO MAINTAIN EXPOSURE BELOW PEL-TLV(S).
RTECS #:9999999ZZ

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: EYE: EXPOS NOT EXPECTED TO
CAUSE IRRIT/INJURY. SKIN: EXPOS MAY CAUSE MILD IRRIT. PRLNG/RPTD
EXPOS MAY DRY SKIN. SYMPS MAY INCL REDNESS, DRYING & CRACKING, &
SKIN BURNS. INGEST: SINGLE DOSE ORAL TOX IS LOW. SWALLOWING SML
AMTS DURINGNORM HNDLG IS NOT LIKELY TO CAUSE HARMFUL EFTS;
SWALLOWING LGE (EFTS OF OVEREXP)
Explanation of Carcinogenicity:NOT RELEVANT.
Effects of Overexposure:HLTH HAZ: 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 REC EXPOS LIM. SYMPS OF EXPOS: GI IRRIT (NAUS,
VOMIT, DIARR), IRRIT (NOSE, THROAT, RESP TRACT), ABDOM PAIN.
Medical Cond Aggravated by Exposure:PREEXISTING SKIN DISORDERS MAY BE
AGGRAVATED BY EXPOSURE TO THIS MATERIAL. PREEXISTING LUNG DISORDERS
(E.G., ASTHMA-LIKE CONDITIONS), MAY BE AGGRAVATED BY EXPOSURE TO
THIS MATERIAL.

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

First Aid:EYES: IF SYMPS DEVELOP, MOVE INDIVIDUAL AWAY FROM EXPOS &
INTO FRESH AIR. FLUSH EYES GENTLY W/WATER FOR AT LEAST 15 MIN,
WHILE HOLDING EYELIDS APART. IF SYMPS PERSIST/THERE IS ANY VISUAL
DFCLTY, SEEK MED ATTN. SKIN: REMOVE CONTAM CLTHG. WASH EXPOSED
AREA W/SOAP & WATER. IF SYMPS PERSIST, SEEK MED ATTN. LAUNDER CLTHG
BEFORE REUSE. INGEST: DO NOT INDUCE VOMIT. GIVE 1 GLASS OF
MILK/WATER, & (SUP DAT)

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

Flash Point Method:COC
Flash Point:300F,149C
Extinguishing Media:REGULAR FOAM, CARBON DIOXIDE, DRY CHEMICAL.
Fire Fighting Procedures:WEAR NIOSH APPRVD SCBA & FULL PROT EQUIP .
WATER OR FOAM MAY CAUSE FROTHING WHICH CAN BE VIOLENT & POSSIBLY
ENDANGER THE LIFE OF THE FIREFIGHTER.
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:SML SPILL: ABSORB LIQ ON VERMICULITE, FLOOR
ABSORB/OTHER ABSORB MATL. LGE SPILL: PVNT RUN-OFF TO SEWERS,
STREAMS/OTHER BODIES OF WATER. IF RUN-OFF OCCURS, NOTIFY PROPER
AUTH AS REQUIRED, THAT A SPILL HAS OCCURRED. PERS NOT WEARING
PROT EQUIP (ING 3)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:CONTRS OF THIS MATL MAY BE HAZ WHEN
EMPTIED. SINCE EMPTIED CONTRS RETAIN PROD RESIDUES (VAP, LIQ,
AND/SOLID), ALL HAZ PREC IN MSDS MUST BE OBSERVED.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:NOT REQUIRED UNDER NORMAL CNDTNS OF USE.
HOWEVER, IF OIL MISTS ARE GENERATED ABOVE RECOMMENDED PEL/TLV OF 5
MG/M3, THEN A NIOSH APPRVD RESP IS ADVISED IN ABSENCE OF PROPER
ENVIRONMENTAL CONTROL (CONSU LT YOUR INDUSTRIAL HYGIENIST).

Ventilation:NOT REQUIRED UNDER NOR CNDTNS OF USE. HOWEVER, IF UNUSUAL
OPERATING CNDTNS EXIST, THEN PROVIDE SUFFICIENT (ING 6)

Protective Gloves:NITRILE RUBBER GLOVES.

Eye Protection:ANSI APPRVD CHEM WORKERS GOGGLES .

Other Protective Equipment:EMERGENCY EYEWASH AND DELUGE SHOWER MEETING
ANSI DESIGN CRITERIA . WEAR NORMAL WORK CLTHG COVERING ARMS & LEGS.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

FIRST AID PROC: GET MED ATTN IMMED. IF POSS, DO NOT LEAVE VICTIM
UNATTENDED. INHAL: IF SYMPS DEVELOP, IMMED MOVE INDIVIDUAL AWAY
FROM EXPOS & INTO FRESH AIR. SEEK IMMED MED ATTN; KEEP PERS WARM &
QUIE T. IF PERS IS NOT BRTHG, BEGIN ARTF RESP. IF BRTHG IS DFCLT,
ADMIN OXYGEN.

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

Boiling Pt:B.P. Text:>425F,>218C

Spec Gravity:0.890

Evaporation Rate & Reference:SLOWER THAN ETHYL ETHER

Appearance and Odor:DRY, CLEAR AND BRIGHT 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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