

# THE VALVOLINE COMPANY -- CARQUEST GEAR LUBE 80W-90 -- -

## ===== Product Identification =====

Product ID:CARQUEST GEAR LUBE 80W-90  
MSDS Date:03/04/1998  
FSC:NIIN:Submitter:D DG  
Status Code:A  
MSDS Number: CKYLD  
=== Responsible Party ===  
Company Name:THE VALVOLINE COMPANY  
Address:3499 DABNEY DRIVE  
Box:14000  
City:LEXINGTON  
State:KY  
ZIP:40512  
Country:US  
Info Phone Num:859-357-7206  
Emergency 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

## ===== 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 MIST

Ingred Name:LUBE OIL ADDITIVE  
Minumum % Wt:2.9  
Maxumum % Wt:13.

## ===== Hazards Identification =====

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 AND CRACK THE SKIN. SWALLOWING: SWALLOWING  
SMALL AMOUNTS OF THIS MATERIAL D URING NORMAL HANDLING IS NOT  
LIKELY TO CAUSE HARMFUL EFFECTS. SWALLOWING LARGE AMOUNTS MAY BE  
HARMFUL CAUSING STOMACH OR INTESTINAL UPSET, NAUSEA, VOMITING,  
DIARRHEA, PAIN IN ABDOMIN. INHALATION: IT I S POSSIBLE TO BREATHE  
THIS MATERIAL UNDER CERTAIN CONDITIONS OF HANDLING AND USE  
(HEATING, SPRAYING, OR STIRRING). SYMPTOMS OF NOSE THROAT, AND

AIRWAYS IRRITATION USUALLY OCCUR AT AIR CONCENTRATIONS HIGHER THAN RECOMMENDED EXPOSURE LIMITS.

Effects of Overexposure:EYES: NONE LIKELY. SKIN: IRRITATION, SKIN DRYING, AND CRACKING. INHALATION; IRRITATION OF NOSE, THROAT, AIRWAYS. SWALLOWING: STOMACH OR INTESTINAL UPSET, NAUSEA, VOMITING, DIARRHEA, PAIN IN THE ABDOMEN.

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

First Aid:EYES: MOVE TO FRESH AIR. FLUSH EYES GENTLY WITH WATER, HOLDING EYELIDS APART. IF SYMPTOMS PERSIST OR THERE IS ANY VISUAL DIFFICULTY, SEEK MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH EXPOSED SKIN AREA WITH SOAP AND WATER. IF SYMPTOMS PERSIST, SEEK MEDICAL ATTENTION. LAUNDER CLOTHING BEFORE REUSE. SWALLOWING: DO NOT INDUCE VOMITING. GIVE 1 GLASS OF MILK OR WATER AND GET MEDICAL ATTENTION IMMEDIATELY. IF POSSIBLE, DO NOT LEAVE VICTIM UNATTENDED. INHALATION: MOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING DIFFICULT, GIVE OXYGEN. SEEK MEDICAL ATTENTION.

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

Flash Point Method:COC

Flash Point:=148.9C, 300.F

Extinguishing Media:REGULAR FOAM, CARBON DIOXIDE, DRY CHEMICAL.

Fire Fighting Procedures:WATER OR 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.

Unusual Fire/Explosion Hazard:NEVER USE WELDING OR CUTTING TORCH ON OR NEAR DRUM (EVEN EMPTY) BECAUSE PRODUCT (EVEN JUST RESIDUE) CAN IGNITE EXPLOSIVELY. DENSE SMOKE MAY BE GENERATED WHILE BURNING. MAY FORM CARBON DIOXIDE AND CARBON MONOXIDE, OXIDES OF SULFUR, NITROGEN AND PHOSPHORUS, VARIOUS HYDROCARBONS.

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

Spill Release Procedures:SMALL SPILL: ABSORB ON VERMICULITE, FLOOR ABSORBENT OR OTHER ABSORBENT MATERIAL. LARGE SPILL: PREVENT RUN-OFF TO SEWERS, STREAMS, OTHER BODIES OF WATER. IF RUN-OFF OCCURS, NOTIFY PROPER AUTHORITIES AS REQUIRED. STOP SPILL. DIKE AREA OF SPILL TO PREVENT SPREADING. PUMP LIQUID TO SALVAGE TANK. TAKE UP RESIDUAL LIQUID ON SAND, CLAY, EARTH, OR OTHER ABSORBENT MATERIAL AND SHOVEL INTO CONTAINERS.

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

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

===== 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/MSHA APPROVED RESPIRATOR IS ADVISED IN ABSENCE  
OF PROPER ENVIRONMENTAL CONTROL. (SEE YOUR INDUSTRIAL HYGIENIST).  
Ventilation:NOT REQUIRED UNDER NORMAL USE. IF UNUSUAL CONDITIONS EXIST,  
PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST)  
VENTILATION TO MAINTAIN PEL/ TLVS.  
Protective Gloves:WEAR RESISTANT GLOVES SUCH AS NITRILE RUBBER TO  
PREVENT SKIN CONTACT.  
Eye Protection:NOT REQUIRED UNDER NORMAL CONDITIONS OF USE. FOR MISTING  
SEE NEXT FRAME.  
Other Protective Equipment:HOWEVER, IF MISTING OR SPLASHING CONDITIONS  
EXIST, THEN SAFETY GLASSES OR CHEMICAL SPLASH GOGGLES ARE ADVISED.  
WEAR NORMAL WORK CLOTHING COVERING ARMS AND LEGS.  
Supplemental Safety and Health

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

HCC:V6  
Boiling Pt:>218.3C, 425.F  
B.P. Text:@760 MMHG  
Vapor Density:NO DATA  
Spec Gravity:.890 @ 60F(7.48 LB/GAL)  
Viscosity:14.0-15.0 CST@100C  
Evaporation Rate & Reference:SLOWER THAN ETHYL ETHER  
Appearance and Odor:DRY, CLEAR AND BRIGHT LIQUID; ODOR-NO DATA.  
Percent Volatiles by Volume:NO DATA

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

Stability Indicator/Materials to Avoid:YES  
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.

===== 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:TSCA (TOXIC SUBSTANCES CONTROL ACT)  
STATUS: TSCA (UNITED STATES) THE INTENTIONAL INGREDIENTS OF THIS  
PRODUCT ARE LISTED. CERCLA RQ - 40 CFR 302.4: NONE

State Regulatory Information:CALIFORNIA PROPOSITION 65: NONE.

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

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