

VALVOLINE OIL CO SUBSIDIARY OF ASHLAND OIL INC. -- HYDRO-LUBE GEAR LUBE SAE 80W90 --  
9150-01-035-5392

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

Product ID:HYDRO-LUBE GEAR LUBE SAE 80W90

MSDS Date:06/01/1989

FSC:9150

NIIN:01-035-5392

MSDS Number: CCSVN

=== Responsible Party ===

Company Name:VALVOLINE OIL CO SUBSIDIARY OF ASHLAND OIL INC.

Address:200 E MAIN ST

Box:14000

City:LEXINGTON

State:KY

ZIP:40512

C

Country:US

Info Phone Num:606-264-7000/7616;FAX 601-429-0537

Emergency Phone Num:800-ASHLAND/800-274-5263

CAGE:72527

=== Contractor Identification ===

Company Name:BALKAMP INC

Address:2601 S HOLT ROAD

Box:City:INDIANAPOLIS

State:IN

ZIP:46241

Country:US

Phone:317-244-7241

CAGE:70842

Company Name:NAPA, A DIVISION OF LINCOLN AUTOMOTIVE

Address:ONE LINCOLN WAY

Box:City:ST. LOUIS

State:MO

ZIP:63120-1578

Country:US

Phone:414-255-5520

CAGE:050Q3

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  
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Ingred Name:ALIPHATIC HYDROCARBON (MINERAL OIL, PETROLEUM DISTILLATE,  
SOLVENT DDEWAXED (SEVERE), HEAVY PARAFFINIC)  
CAS:64742-65-0  
RTECS #:PY8038501  
Fraction by Wt: 30-60%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:5 MG/M3 (OIL MIST)  
ACGIH TLV:5 MG/M3 (OIL MIST)

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Hazards Identification  
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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:TOXICOLOGICAL TESTING INDICATES THAT  
SIMILAR PRODUCTS ARE NOT HAZARDOUS AS DEFINED BY OSHA (29 CFR  
1910.1200).  
Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1%  
OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.  
Effects of Overexposure:NONE SPECIFIED BY MANUFACTURER.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures  
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First Aid:IN ALL CASES GET MEDICAL ATTENTION. EYES-FLUSH WITH WATER FOR  
15 MINUTES, LIFT LIDS. SKIN-REMOVE CONTAMINATED CLOTHES. WASH WITH  
SOAP & WATER. INHALED-REMOVE TO FRESH AIR. GIVE OXYGEN OR  
ARTIFICIAL RE SPIRATION AS NEEDED. INGESTED-DO NOT INDUCE VOMITING!  
KEEP PERSON WARM & QUIET.

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Fire Fighting Measures  
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Flash Point:>420F,>216C

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

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL FIRE FIGHTER'S PROTECTIVE GEAR. WATER OR FOAM MAY CAUSE FROTHING WHICH CAN BE VIOLENT-MAY ENDANGER FIRFIGHTER.

Unusual Fire/Explosion Hazard:NEVER USE WELDING OR CUTTING TORCH ON OR NEAR DRUM (EVEN EMPTY) BECAUSE PRODUCT (EVEN JUST RESIDUE) CAN IGNITE EXPLOSIVELY.

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

Spill Release Procedures:SMALL SPILL: ABSORB ON PAPER, VERMICULITE OR OTHER ABSORBENT MATERIAL AND TRANSFER TO HOOD. LARGE SPILL: PREVENT RUN-OFF INTO SEWERS, STREAMS OR OTHER BODIES OF WATER. CONTAIN SPILL. TAKE UP MATERIAL (PUMP, ABSORB, ETC) AND PLACE IN WASTE CONTAINERS.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:NONE SPECIFIED BY MANUFACTURER.

DLA-HMIS: STORE IN A COOL, DRY PLACE AWAY FROM INCOMPATIBLE MATERIALS.

Other Precautions:CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES. ALL HAZARD PRECAUTIONS GIVEN IN THE (MATERIAL SAFETY) DATA SHEET MUST BE OBSERVED.

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

Respiratory Protection:NONE NORMALLY REQUIRED.

Ventilation:NONE NORMALLY REQUIRED.

Protective Gloves:NONE NORMALLY REQUIRED.

Eye Protection:NONE NORMALLY REQUIRED.

Other Protective Equipment:NORMAL WORK CLOTHING COVERING ARMS & LEGS.

DLA-HMIS: EYE WASH STATION.

Work Hygienic Practices:WASH HANDS AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

MFR MSDS NUMBER: 0173350-003.

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

HCC:V6

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

Spec Gravity:0.909

Evaporation Rate &am

p; Reference: