

VALVOLINE OIL CO SUBSIDIARY OF ASHLAND OIL INC. -- NAPA MV MOTOR OIL SAE 5W30 --  
9150-01-275-8404

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Product Identification  
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Product ID:NAPA MV MOTOR OIL SAE 5W30  
MSDS Date:01/13/1994  
FSC:9150  
NIIN:01-275-8404  
MSDS Number: CCMTN  
=== 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  
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:DETERGENT & DISPERSANT ENGINE OIL PACKAGE, CONTAINS INGRED  
#2.  
Fraction by Wt: 10-15%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:PROPRIETARY ZINC COMPOUND  
Fraction by Wt: 13%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:PETROLEUM LUBE OIL  
CAS:64742-65-0  
RTECS #:PY8038500  
Fraction by Wt: 85-100%  
Other REC Limits:NONE RECOMMENDED

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Hazards Identification  
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LD50 LC50 Mixture:NOT ESTABLISHED FOR PRODUCT.  
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:NOT HAZ AS DEFINED BY OSHA BASED ON  
TESTING OF SIMILAR PRODUCT &/OR COMPONENTS.EYE:NOT EXPECTED TO  
CAUSE IRRIT DURING NORMAL CONDITIONS OF USE.SKIN:PROL/REP CONTACT  
MAY BE MILDLY IRRIT,MAY CAUSE DERM. INGEST:NOT EXPECTED TO BE  
TOXIC.PROD HAS LAXATIVE PROPERITES,MAY CAUSE NAU,ABD  
CRMAPS,DIARR.INHAL:NOT EXPECTED(SIGN/SYM)  
Explanation of Carcinogenicity:SEE OTHER PRECAUTIONS OF MSDS.  
Effects of Overexposure:HEALTH HAZ:TO HAZ @NORMAL RM TEMP.HOWEVER EXPO  
EXCEED PEL/TLV OF 5MG/M3 FOR OIL MIST THEN INHAL OF MIST MAY RESULT  
IN RESPIRATORY IRRIT,POSSIBLE DISCOMFORT. SIGNS/SYMPT:MILD SKIN  
IRRIT,DERM,LAXATIVE P ROPERITES,NAU,ABDOMINAL CRAMPS,DIARR,RESP  
IRRIT,DISCOMFORT.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures  
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First Aid:SKIN:THOROUGHLY WASH W/SOAP/WATER.REMOVE CONTAMIN  
CLOTH.EYE:FLUSH W/LG AMTS OF WATER LIFTING LIDS.IRRIT PERSISTS GET  
MED ATTN.INGEST:DO NOT INDUCE VOMIT.KEEP WARM/QUIET.GET MED  
ATTN.INHAL:REMOVE TO FR ESH AIR.BREATH DIFFI ADMIN OXYGEN.STOP  
BREATH GIVE ART RESP.KEEP WARM/QUIET.GET MED ATTN.

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Fire Fighting Measures  
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Flash Point Method:COC  
Flash Point:>400F,>204C  
Autoignition Temp:Autoignition Temp Text:NP  
Lower Limits:UNAVAI  
Upper Limits:UNAVAI  
Extinguishing Media:REGULAR FOAM OR CARBON DIOXIDE OR DRY CHEMICAL.  
Fire Fighting Procedures:WER SELF-CONTAINED BREATHING APPARATUS W/FULL  
FACEPIECE OPERATED IN POSITIVE PRESSURE DEMAND MODE.WATER/FOAM MAY  
CAUSE FROTHING-VIOLENT/POSSIBLY ENDANGER(SUPPL)  
Unusual Fire/Explosion Hazard:NEVER USE WELD/CUT TORCH ON/NEAR  
DRUM(EVEN EMPTY)BECAUSE PRODUCT(EVEN JUST RESIDUE)CAN IGN  
EXPLOSIVELY.

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Accidental Release Measures  
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Spill Release Procedures:SM:ABSORB ON VERMI/FLOOR ABSORBENT/OTHER  
ABSORBENT.LG:PREVENT RUNOFF TO SEWERS/STREAMS/BODIES OF WATER.IF SO  
NOTIFY PROPER AUTHORITIES AS REQUIRED.PERSON W/O PPE SHOULD BE  
EXCLUDED FROM AREA TIL CLEAN UP COMPLETE.STOP SPILL.DIKE-PREVENT  
SPREADING(SUP)  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage  
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Handling and Storage Precautions:CNTNR OF MATL MAY BE HAZ WHEN  
EMPTIED.SINCE EMPTIED CONTNRS RETAIN PROD  
RESIDUES(VAP/LIQ/SOLID)ALL HAZ PRECAUT GIVEN IN MSDS MSUT BE  
OBSERVED.  
Other Precautions:CAUTION!USED MOTOR OIL HAS BEEN SHOWN TO CAUSE SKIN  
CANC IN CERTAIN LAB ANIMALS CONTINUALLY EXPO TO USED MOTOR OIL BY  
REP APPLICATIONS.AVOID PROL/REP CONTACT TO SKIN.

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Exposure Controls/Personal Protection  
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Respiratory Protection:NOT REQUIRED UNDER NORMAL CONDITIONS OF USE.IF

OIL MIST GENERATED >RECOMMENDED PEL/TLV NIOSH/MSHA APPROVED RES ADVISED IN ABSENCE OF PROPER ENVIRO CONTROL(SEE YOUR INDUSTRIAL HYGIENIST).

Ventilation:NOT REQUIRED UNDER NORAMAL USE CONDITIONS.UNUSUAL OPERATIN GCONDITIONS EXIST PROVIDE SUFFI MECH(GEN/LOC EXHAUS)VENTI.

Protective Gloves:NOT NORMALLY REQUIRED;NITRILE RUBB GLOVE

Eye Protection:NOT REQUIRE FOR NOR USE (OTHER PROT EQP)

Other Protective Equipment:EYE PROT:CONDITIONS;SAFETY GLASSES/CHEM SPLASH GOGG.NORMAL WORK CLOTHING COVERING ARMS/LEGS.

Work Hygienic Practices:LAUNDER CONTAMIN CLOTH BEF REUSE.

Supplemental Safety and Health

VAP PRESSURE:PETROLEUM LUBE OIL. FIREFIGHT:FIREFIGHTER LIFE ESPECIALLY IF SPRAY INTO CNTNR OF HOT BURNING LIQ.DENSE SMOKE MAY BE GENERATED WHILE BURNING. SPILL:PUMP TO SALVAGE TK.REMAIN LIQ TAKEUP W/S AND/EARTH/FLOOR ABSORBENT/OTHER.SHOVEL INTO CNTNRS.

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Physical/Chemical Properties  
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HCC:V6

Boiling Pt:B.P. Text:560F,293C

Melt/Freeze Pt:M.P/F.P Text:NP

Decomp Temp:Decomp Text:NP

Vapor Pres:<0.10

Vapor Density:>AIR

Spec Gravity:0.879 @60F

pH:NP

Viscosity:NP

Evaporation Rate & Reference:SLOWER THAN ETHER.

Solubility in Water:NP

Appearance and Odor:LIGHT AMBER LIQUID, HOMOG SOLN.

Percent Volatiles by Volume:NA

Corrosion Rate:NP

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Stability and Reactivity Data  
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Stability Indicator/Materials to Avoid:YES

AVOID CONTACT W/STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:MAY FORM TOXIC MATLS:CARBON DIOXIDE,CARBON MONOXIDE,VARIOUS HYDROCARBONS,OXIDES OF SULFUR,NITROGEN & PHOSHPORUS,ETC.

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Disposal Considerations  
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Waste Disposal Methods:SM/LG SPILLS:DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

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