

VALVOLINE OIL DIV OF ASHLAND OIL -- ALL CLIMATE MOTOR OIL SAE 10W40  
MATERIAL SAFETY DATA SHEET  
NSN: 915000F007670  
Manufacturer's CAGE: 72527  
Part No. Indicator: B  
Part Number/Trade Name: ALL CLIMATE MOTOR OIL SAE 10W40

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General Information

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Company's Name: VALVOLINE OIL CO DIV OF ASHLAND OIL  
Company's Street: 3499 DABNEY DR  
Company's P. O. Box: 14000  
Company's City: LEXINGTON  
Company's State: KY  
Company's Country: US  
Company's Zip Code: 40512-5000  
Company's Emerg Ph #: 606-264-7000/800-274-5263  
Company's Info Ph #: 606-264-7000/800-274-5263  
Record No. For Safety Entry: 001  
Tot Safety Entries This Stk#: 002  
Status: FE  
Date MSDS Prepared: 27JUL90  
Safety Data Review Date: 31JAN95  
Preparer's Company: VALVOLINE OIL CO DIV OF ASHLAND OIL  
Preparer's St Or P. O. Box: 3499 DABNEY DR  
Preparer's City: LEXINGTON  
Preparer's State: KY  
Preparer's Zip Code: 40512-5000  
MSDS Serial Number: BWHKD

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Ingredients/Identity Information

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Proprietary: NO  
Ingredient: DISPERSANT & DETERGENT  
Ingredient Sequence Number: 01  
Percent: 10-15  
NIOSH (RTECS) Number: 1003870DD  
OSHA PEL: 5 MG/CUM

Proprietary: NO  
Ingredient: OIL PETROLEUM DISTILLATES, SOLVENT-DEWAXED HEAVY PARAFFINIC  
Ingredient Sequence Number: 02  
Percent: 70-85  
NIOSH (RTECS) Number: PY8038500  
CAS Number: 64742-65-0  
OSHA PEL: 5 MG/CUM  
ACGIH TLV: 5 MG/CUM  
Other Recommended Limit: 5 MG/CUM

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Physical/Chemical Characteristics

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Appearance And Odor: HOMOGENEOUS LIQUID SOLUTION  
Vapor Density (Air=1): >1  
Specific Gravity: 0.877  
Evaporation Rate And Ref: SLOWER THAN ETHER

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Fire and Explosion Hazard Data

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Flash Point: >400F  
Extinguishing Media: REGULAR FOAM, CO2, DRY CHEMICAL  
Special Fire Fighting Proc: WEAR SCBA W/A FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE DEMAND MODE WHEN FIGHTING FIRES.  
Unusual Fire And Expl Hazrds: WATER/FOAM MAY CAUSE FROTHING WHICH CAN BE VIOLENT & POSSIBLY ENDANGER THE LIFE OF THE FIREFIGHTER, IF SPRAYED INTO CONTAINERS OF HOT, BURNING LIQUID.

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Reactivity Data  
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Stability: YES  
Materials To Avoid: STRONG OXIDIZING AGENTS  
Hazardous Decomp Products: CO, CO2, VARIOUS HYDROCARBONS.  
Hazardous Poly Occur: NO

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Health Hazard Data  
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Route Of Entry - Inhalation: NO  
Route Of Entry - Skin: NO  
Route Of Entry - Ingestion: NO  
Carcinogenicity - NTP: NO  
Carcinogenicity - IARC: NO  
Carcinogenicity - OSHA: NO  
Explanation Carcinogenicity: NONE  
Emergency/First Aid Proc: SKIN: THOROUGHLY WASH EXPOSED AREA W/SOAP & WATER. EYES: FLUSH W/LARGE AMOUNTS OF WATER. INGESTION: DON'T INDUCE VOMITING, KEEP WARM & QUIET. INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN/ CPR, IF NEEDED. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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Precautions for Safe Handling and Use  
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Steps If Matl Released/Spill: SMALL: ABSORB LIQUID ON PAPER, VERMICULITE, FLOOR ABSORBENT/OTHER ABSORBENT MATERIAL. LARGE: PREVENT RUN-OFF TO SEWERS, STREAMS/OTHER BODIES OF WATER. PERSONS NOT WEARING PROTECTIVE EQUIPMENT SHOULD BE EXCLUDED FROM AREA UNTIL CLEAN-UP HAS COMPLETED.  
Waste Disposal Method: LARGE: DESTROY BY LIQUID INCINERATION IAW/FEDERAL, STATE & LOCAL REGULATIONS.  
Precautions-Handling/Storing: DON'T TRANSFER TO UNLABELED CONTAINER. FOR INDUSTRIAL USE ONLY. AVOID CONTACT W/SKIN.  
Other Precautions: NEVER USE WELDING/CUTTING TORCH ON/NEAR DRUM (EVEN EMPTY) PRODUCT (EVEN JUST RESIDUE) CAN IGNITE EXPLOSIVELY. CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED. SINCE EMPTIED CONTAINERS RETAIN RESIDUES (VAPORS, LIQUID &/SOLID).

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Control Measures  
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Respiratory Protection: NOT REQUIRED UNDER NORMAL CONDITIONS OF USE.  
Ventilation: NOT REQUIRED UNDER NORMAL CONDITIONS OF USE.  
Protective Gloves: NOT NORMALLY REQUIRED.  
Eye Protection: NOT REQUIRED UNDER NORMAL CONDITIONS.  
Other Protective Equipment: NORMAL WORK CLOTHING COVERING ARMS & LEGS.  
Work Hygienic Practices: REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.  
Suppl. Safety & Health Data: SPILLS/LEAKS CONT'D: STOP AT SOURCE, DIKE AREA TO PREVENT SPREADING, PUMP LIQUID TO SALVAGE TANK. REMAINING LIQUID MAY BE TAKEN UP ON SAND, CLAY, EARTH, FLOOR ABSORBENT/OTHER ABSORBENT MATERIAL & SHOVELED INTO CONTAINERS.

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Transportation Data  
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Disposal Data  
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Label Data  
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Label Required: YES  
Label Status: G  
Common Name: ALL CLIMATE MOTOR OIL SAE 10W40  
Special Hazard Precautions: N/K N/K  
Label Name: VALVOLINE OIL CO DIV OF ASHLAND OIL  
Label Street: 3499 DABNEY DR