

VALVOLINE OIL SUBSIDIARY OF AS -- MAC'S PENETRATING OIL MOISTURE & RUST CT #630

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MSDS Safety Information  
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FSC: 9150  
NIIN: 00-223-4119  
MSDS Date: 03/26/1991  
MSDS Num: CCLPK  
Product ID: MAC'S PENETRATING OIL MOISTURE & RUST CT #6301  
MFN: 01  
Responsible Party  
Cage: 72527  
Name: VALVOLINE OIL CO SUBSIDIARY OF ASHLAND OIL INC

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Address: 200 E MAIN ST  
Box: 14000  
City: LEXINGTON KY 40512  
Info Phone Number: 606-264-7000/7616;FAX 601-429-0537  
Emergency Phone Number: 800-ASHLAND/800-274-5263  
Proprietary Ind: Y  
Review Ind: Y  
Published: Y

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Preparer Co. when other than Responsible Party Co.  
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Cage: 72527  
Name: VALVOLINE OIL CO  
Address: 3499 BLAZER PKY  
Box: 14000  
City: LEXINGTON KY 40512  
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Contractor Summary  
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Cage: 70842  
Name: BALKAMP INC  
Address: 2601 S HOLT ROAD  
City: INDIANAPOLIS IN 46241  
Phone: 317-244-7241  
Cage: 050Q3  
Name: NAPA, A DIVISION OF LINCOLN AUTOMOTIVE  
Address: ONE LINCOLN WAY  
City: ST. LOUIS MO 63120-1578  
Phone: 414-255-5520  
Cage: 72527  
Name: VALVOLINE OIL CO  
Address: 3499 BLAZER PKY  
Box: 14000  
City: LEXINGTON KY 40512  
Phone: 606-357-7206 / 800-274-5263  
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Item Description Information

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Item Manager: S9G  
Item Name: PENETRATING OIL  
Specification Number: A-A-50493  
Type/Grade/Class: TYPE I  
Unit of Issue: GL  
UI Container Qty: 6  
Type of Container: CAN

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Ingredients

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Name: \*\*\* PROPRIETARY \*\*\*

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Health Hazards Data

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LD50 LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: NO

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: EYE:CAN CAUSE SEVERE IRRIT,REDNESS,TEARING,BLURRED VISION.SKIN:PROL/REP CONTACT CAN CAUSE MODERATE IRRIT,DEFATTING,DERM.BREATH:EXCESSIVE VAP INHAL CAN CAUSE NASAL/RESP IRRIT,CNS EFFECTS INCLUDING DIZZ ,WEAK,FTG,NAU,HEAD,POSSIBLE UNCONSC,EVEN DEATH.INGEST:MAY CAUSE GASTROINTESTINAL IRRIT,NAU,VOMIT,DIARRHEA. (SUPPLEMENTA)

Signs And Symptions Of Overexposure: SEVERE EYE IRRIT,REDNESS,TEARING,BLURRED VISION. MODERATE SKIN IRRIT,DEFATTING,DERM. NASAL/RESPIRATORY IRRIT,CNS EFFECTS-DIZZINESS,WEAKNESS,FTG,NAU,HEADACHE,POSSIBLE UNCONSC,ASPHYXIATION. GASTROINTEST INAL IRRIT,NAU,VOMIT,DIARRHEA. DEATH. ASPIRATION HAZ-CHEM PNEUMONITIS-FATAL.

Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.

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t Aid: SKIN:THOROUGHLY WASH W/SOAP/WATER.REMOVE CONTAMIN CLOTH.EYE:FLUSH W/LG AMTS OF WATER LIFTING UPPER/LOWER LIDS OCCASIONALLY.GET MED ATTN.INGEST:DO NOT INDUCE VOMIT.KEEP WARM/QUIET.GET MED ATTN.ASPIRATI ON INTO LUNGS FROM VOMIT CAN CAUSE CHEMPNEUMONITIS WHICH CAN BE FATAL.INHAL:REMOVE TO FRESH AIR.BREATH DIFFI ADMIN OXY;BREATH STOP GIVE ART RESP.KEEP WARM/QUIET.GET MED ATTN.

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Handling and Disposal  
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Spill Release Procedures: SM:ABSORB ON PAPER/VERMI/FLOOR ABSORB/OTHER ABSORB MATL.TRANSFER TO HOOD.LG:ELIMINATE IGN SOURCES.PERSON NOT WEARING PROT EQPMT SHOULD BE EXCLUDED FROM AREA TIL CLEANUP COMPLETED.STOP SPILL/DIKE TO PR EVENT SPREADING.PUMP TO SALVAGE TK.REMAINING (SUP)

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: SM:ALLOW VOLATILE PORTION TO EVAPORATE IN HOOD.ALLOW SUFFICIENT TIME FOR VAP TO COMPLETELY CLEAR HOOD DUCT WORK  
.DISPO OF REMAINING

MATL IAW APPLICABLE REGS.LG:DISPO OF IAW ALL LOC/STATE/FED REGS.CONTI ANS SARA SEC 313 LIST OF TOXIC CHEMS.

Handling And Storage Precautions: CNTNR OF THIS MATL MAY BE HAZ WHEN EMPTIED SINCE THEY RETAIN PROD RESIDUE(VAP,LIQ,SOLID).ALL HAZ PRECAUTION GIVEN IN MSDS MUST BE OBSERVED.

Other Precautions: NONE SPECIFIED BY MANUFACTURER.

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Fire and Explosion Hazard Information  
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Flash Point Method: CC

Flash Point Text: &lt;20F,&lt;-7C

Lower Limits: 0.7

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

Fire Fighting Procedures: WEAR SCBA W/FULL FACEPIECE OPERATED IN +PRESSURE DEMAND MODE WHEN FIGHTING FIRES.

Unusual Fire/Explosion Hazard: NEVER USE WELD/CUT TORCH ON/NEAR DR(EVEN EMPTY)-PROD(EVEN JUST RESIDUE)CAN IGN EXPLOSIVELY.MATL HIGHLY VOLATILE,READILY GIVES OFF VAP WHICH TRAVEL ALONG(SUPPLE)

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Control Measures  
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Respiratory Protection: WORKPLACE EXPO PROD/COMPONENT LIMITS EXCEEDED,NIOSH/MSHA APPROVE AIR SUPPLIED RESP ADVISED IN ABSENCE OF PROPER ENVIRO CNTRL.OSHA REGS PERMIT OTHER NIOSH/MSHA RESP UNDER SPEC CONDITIONS.(SEE SAF EQPMT SUPPLIER).IMPLEMENT ENGIN/ADMIN CNTRL.

Ventilation: PROIVDE SUFFICIENT MECHANICAL(GEN & /OR LOC EXHAUST)VENTILATION TO MAINTAIN EXPO BELOW TLVS.

Protective Gloves: NOT REQ

UIRED UNDER NORMAL USE CONDITIONS

Eye Protection: AS MAY BE REQUIRED BY OSHA 29CFR1910.133

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

Work Hygienic Practices: LAUNDRER CONTAMIN CLOTH BEFORE REUSE.

Supplemental Safety and Health: FIRE/EXPLO HAZ:GROUND/MOVED BY VENIT & IGN  
BY IGN SOURCES @LOCATIONS DISTANT FRM HNDLG PT. HEALTH HAZ:ASPIRATION-CHEM  
PNEUMONIA-FATAL. SPILL:LIQ TAKE UP ON SAND/CLAY/EARTH/OTHER ABSORB  
MATL.PREVENT EN TRY INTO SEWER/ETC;IF SO NOTIFY P  
ROPER AUTHORITIES.

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Physical/Chemical Properties  
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HCC: V3  
B.P. Text: -45F,-43C  
Vapor Pres: 108 @70F  
Vapor Density: >AIR  
Spec Gravity: 0.800  
Evaporation Rate & Reference: SLOWER THAN ETHER.  
Appearance and Odor: NOT PROVIDED.  
Percent Volatiles by Volume: 85-100

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Reactivity Data  
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Stability Indicator: YES  
Stability Condition To Avoid: TEMEPRTURES OVER 120F.  
Materials To Avoid: AVOID CONTACT W/STRONG OXIDIZING AGENTS.  
Hazardous Decomposition Products: MAY FORM TOXIC MATLS,CO2, CO, VARIOUS  
HYDROCARBONS, ETC.  
Hazardous Polymerization Indicator: NO

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Toxicological Information  
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Ecological Information  
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MSDS Transport Information  
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Regulatory Information  
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Other Information  
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Transportation Information  
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Responsible Party Cage: 72527  
Trans ID NO: 57392  
Product ID: MAC'S PENETRATING OIL MOISTURE & RUST CT #6301  
MSDS Prepared Date: 03/26/1991  
Review Date: 01/08/1997  
MFN: 1  
Net Unit Weight: 6.7 LBS  
Multiple KIT Number: 0  
Review IND: Y  
Unit Of Issue: GL  
Container QTY: 6  
Type Of Container: CAN  
Additional Data: PER MSDS:FLAMMABLE COMPRESSED GAS.  
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Detail DOT Information  
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DOT PSN Code: AGC  
DOT Proper Shipping Name: AEROSOLS, FLAMMABLE,  
DOT PSN Modifier: (EACH NOT EXCEEDING 1 L CAPACITY)  
Hazard Class: 2.1  
UN ID Num: UN1950  
Label: FLAMMABLE GAS  
Special Provision: N82  
Non Bulk Pack: NONE  
Bulk Pack: NONE  
Max Qty Pass: 75 KG  
Max Qty Cargo: 150 KG  
Vessel Stow Req: A  
Water/Ship/Other Req: 40,48,85  
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Detail IMO Information  
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IMO PSN Code: AIY  
IMO Proper Shipping Name: AEROSOL DISPENSERS ?  
IMO PSN Modifier: ,WITH A CAPACITY OF 1000 CUBIC CM OR LESS  
IMDG Page Number: 9022  
UN Number: 1950  
UN Hazard Class: 9?  
IMO Packaging Group: -  
Subsidiary Risk Label: -  
EMS Number: 2-13  
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Detail IATA Information  
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IATA PSN Code: ALS  
IATA UN ID Num: 1950  
IATA Proper Shipping Name: AEROSO

LS, FLAMMABLE  
IATA PSN Modifier: (EACH NOT EXCEEDING 1 L CAPACITY)  
IATA UN Class: 2.1  
IATA Label: FLAMMABLE GAS  
Packing Note Passenger: 203  
Max Quant Pass: 75KG  
Max Quant Cargo: 150KG  
Packaging Note Cargo: 203

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Detail AFI Information  
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AFI PSN Code: ALR  
AFI Symbols: \*  
AFI Proper Shipping Name: AEROSOLS, FLAMMABLE, N.O.S.  
AFI PSN Modifier: (EACH NOT EXCEEDING 1L CAPACITY)  
AFI Hazard Class  
: 2.1  
AFI UN ID NUM: UN1950  
Special Provisions: P4  
Back Pack Reference: A6.3

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HAZCOM Label  
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Product ID: MAC'S PENETRATING OIL MOISTURE & RUST CT #6301  
Cage: 72527  
Company Name: VALVOLINE OIL CO  
Street: 3499 BLAZER PKY  
PO Box: 14000  
City: LEXINGTON KY  
Zipcode: 40512  
Health Emergency Phone: 800-ASHLAND/800-274-5263  
Label Required IND: Y  
Date Of Label Review: 01/08/1997  
Status Code: C  
Label Date: 01/08/1997  
Origination Code: F  
Eye Protection IND: YES  
Signal Word: DANGER  
Health Hazard: Slight  
Contact Hazard: Slight  
Fire Hazard: Severe  
Reactivity Hazard: None  
Hazard And Precautions: EYE:SEVERE IRRIT,RED,TEAR,BLUR VISION.SKIN:PROL/REP  
CONTACT CAUSE MODERATE IRRIT,DEFAT,DERM.BREATH:EXCESSIVE VAP INHAL CAUSE  
NASAL/RESP IRRIT,CNS EFFECTS-DIZZ,WEAK,FTG,NAU,HEAD,UNCONSC,DEATH.INGEST:GI  
IRRIT,NAU,VOMIT,DIARR,ASPIRATION HAZ-CHEM  
PNEUMONITIS,FATAL.1ST AID:SKIN:THOROUGHLY WASH W/

SOAP/WATER.REMOVE CONTAMIN

CLOTH.EYE:FLUSH W/LG AMTS OF WATER LIFTING UPPER/LOWER LIDS OCCASIONALLY.GET MED A TTN.INGEST:DO NOT INDUCE VOMIT.KEEP WARM/QUIET.GET MED ATTN.ASPIRATION INTO LUNGS FROM VOMIT CAN CAUSE CHEM PNEUMONITIS WHICH CAN BE FATAL.INHAL:REMOVE TO FRESH AIR.BREATH DIFFI ADMIN OXY;BREATH STOP GIVE ART RESP.KEEP WARM/QUIET.GET MED ATTN.

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