

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 IN
C.

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,P
OSSIBLE 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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st 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 WOR

K.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: <20F,<-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 RE

REQUIRED 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: LAUNDRY CONTAMINATED 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 ENTRY INTO SEWER/ETC;IF SO NOTIFY PROPER AUTHORITIES.

Physical/Chemical Properties

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

Reactivity Data

Stability Indicator: YES

Stability Condition To Avoid: TEMPERATURES 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

Toxicological Information

Ecological Information

MSDS Transport Information

Regulatory Information

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: AEROS

OLS, 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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