

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

MSDS Safety Information

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

Preparer Co. when other than Responsible Party Co.

Cage: 72527

Name: VALVOLINE OIL CO

Address: 3499 BLAZER PKY

Box: 14000

City: LEXINGTON KY 40512

Contractor Summary

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

=====

Item Description Information

=====

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

=====

Ingredients

=====

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

-----

=====

=====

Health Hazards Data

=====

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.

Fir

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.

=====  
Handling and Disposal  
=====

=====  
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.

=====  
Fire and Explosion Hazard Information  
=====

=====  
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)

=====  
Control Measures  
=====

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

QUIRED 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: LAUNDER 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  
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: 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

=====

Toxicological Information

=====

=====

Ecological Information

=====

=====

MSDS Transport Information

=====

=====

Regulatory Information

=====

=====

Other Information

=====

=====

=====

Transportation Information

=====

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.

=====

Detail DOT Information

=====

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

=====

Detail IMO Information

=====

=====

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

=====

Detail IATA Information

=====

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

=====

Detail AFI Information

=====

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

=====

HAZCOM Label

=====

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.

=====

Disclaimer (provided with this information by the compiling agencies): This

information is formulated for use by elements of the Department of Defense.

The United States of America in no manner whatsoever expressly or implied warrants, states, or intends said information to have any application, use or viability by or to any person or persons outside the Department of Defense nor any person or persons contracting with any instrumentality of the United States of America and disclaims all liability for such use. Any person utilizing this instruction who is not

a military or civilian employee of the

United States of America should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation regardless of similarity to a corresponding Department of Defense or other government situation.