

VALVOLINE OIL SUBSIDIARY OF AS -- MAC'S NON-CHLORINATED BRAKE CLEANER #4800

MSDS Safety Information

FSC: 6850

NIIN: 01-167-0678

MSDS Date: 02/21/1991

MSDS Num: CCLXY

Product ID: MAC'S NON-CHLORINATED BRAKE CLEANER #4800

MFN: 01

Responsible Party

Cage: 72527

Name: VALVOLINE OIL CO SUBSIDIARY OF ASHLAND OIL INC.

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

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Item Description Information

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Item Manager: S9G

Item Name: CLEANER,BRAKE PARTS

Specification Number: NONE

Type/Grade/Class: NONE

Unit of Issue: CN

Quantitative Expression: 00000000015OZ

UI Container Qty: 1

Type of Container: CANS/BOX

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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 INCL

UDING DIZZ ,WEAK,FTG,NAU,HEAD,POSSIBLE UNCONSC,EVEN ASPHYXIATION.INGEST:MAY CAUSE GASTROINTESTINAL

IRRIT,NAU,VOMIT,DIARRHEA.(SUPPL)

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. ASPIRATION HAZ-CHEM PNEUMONITIS-FATAL.OVEREXPO:LIVER ABNORMALITIES,EYE DMG.

Medical Con

d Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.
First Aid: SKIN:THOROUGHLY WASH W/SOAP/WATER.EYE:FLUSH W/LG AMTS OF WATER
LIFTING UPPER/LOWER LIDS OCCASIONALLY.GET MED ATTN.INGEST:CALL DR/POIS CNTRL
CNTR IMMED FOR INSTRUCTIONS.CONTAINS METHANOL & PETRO DISTIL
LATES.ASPIRATION DUE TO VOMIT CAUSE CHEM PNEUMONITIS-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.LG:ELIMINATE IGN SOURCES.PERSON NOT WEARING PROT EQPMT SHOULD BE
EXCLUDED FROM AREA TIL CLEANUP COMPLETED.STOP SPILL/DIKE TO PREVENT
SPREADING.P UMP TO SALVAGE TK.REMAINING LIQ MAY BE TAKEN(SUPP)

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: SM/LG:DISPO OF IAW ALL LOC/STATE/FED REGS.CONTAINS CHEM

SUBJ TO REPORTING REQMTS OF SARA TITLE III SEC 313.

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: TCC

Flash Point Text: 20.0F,-6.7C

Lower Limits:

1.2

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.ALL 5GAL PAIL/LG METAL
CNTNR(TK CARS,TRUCKS)GROUND/BOND WHEN (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: RESISTANT GLOVES:NEOPRENE.

Eye Protection: CHEM SPLASH GOGG,OTHER OSHA TYPE GLASSES

Other

Protective Equipment: NOT REQUIRED UNDER NORMAL CONDITIONS OF USE.
Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.
Supplemental Safety and Health: FIRE/EXPLO HAZ:TRANSF.HIGHLY VOLATILE,READILY
GIVES OFF VAP WHICH TRAVEL ALONG GROUND/MOVED BY VENIT & IGN BY IGN
SOURCES @LOCATIONS DISTANT FRM HNDLG PT. HEALTH HAZ:ASPIRATION-CHEM
PNEUMONIA-FATAL.OV EREXPO:LIVER ABNORM,EYE DMG. SPILL:ON
SAND/CLAY/EARTH/OTHER ABSORB MATL.PREVENT SEWER/ETC ENTRY;IF SO NOTIFY
AUTHORITIES

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Physical/Chemical Properties

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HCC: V3
B.P. Text: 147F,64C
Vapor Pres: 97.68@68F
Vapor Density: >AIR
Spec Gravity: 0.804-0.806
Evaporation Rate & Reference: SLOWER THAN ETHER.
Appearance and Odor: CLEAR, COLORLESS LIQUID.
Percent Volatiles by Volume: >99

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Reactivity Data

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Sta
bility Indicator: YES
Stability Condition To Avoid: AVOID HEAT,OPEN FLAME,PORLONGED STORAGE @ELEVATED
TEMPERATURES.
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: 112541

Product ID: MAC'S NON-CHLORINATED BRAKE CLEANER #4800

MSDS Prepared Date: 02/21/1991

Review Date: 01/09/1997

MFN: 1

Net Unit Weight: 19 OZ

Multiple KIT Number: 0

Review IND: Y

Unit Of Issue: CN

Container QTY: 1

Type Of Container: CANS/BOX

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 IM

O 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

IAT

A Proper Shipping Name: AEROSOLS, 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 NON-CHLORINATED BRAKE CLEANER #4800
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: 01/09
/1997
Status Code: C
Label Date: 01/09/1997
Origination Code: F
Chronic Hazard IND: Y
Eye Protection IND: YES
Skin Protection IND: YES
Signal Word: DANGER
Health Hazard: Moderate
Contact Hazard: Moderate
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,ASPHYXIATION.IN
GEST:GI IRRIT,NAU,VOM

IT,DIARR.ASPIRATION MAY CAUSE CHEM
PNEUMONITIS-FATAL.OVEREXPO:LIVER ABNORM,EYE DMG.1ST AID:SKIN:WASH WELL
W/SOAP/WATER.EYE:FLUSH W/LOTS OF WATER;LIFT EYELIDS.GET MED ATTN.INGEST:CA LL
DR/POIS CNTRL CNTR IMMED FOR INSTRUCTIONS.CONTAINS METHANOL & PETRO
DISTILLATES.ASPIRATION DUE TO VOMIT CAUSE CHEM PNEUMONITIS-FATAL.INHAL:REMOVE
TO FRESH AIR.BREATH DIFFI ADMIN OXY;BREATH STOP GIV E ART RESP.KEEP
WARM/QUIET.GET MED ATTN.

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Discla

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