

VALVOLINE OIL SUBSIDIARY OF ASHLAND OIL -- CARBURATOR AND CHOKE
CLEANER,8700 - CARBON REMOVING COMPOUND
MATERIAL SAFETY DATA SHEET
VALVOLINE OIL SUBSIDIARY OF ASHLAND OIL NSN: 6850010851423
Manufacturer's CAGE: 72527
Part No. Indicator: A
Part Number/Trade Name: CARBURATOR AND CHOKE CLEANER,8700

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General Information

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Item Name: CARBON REMOVING COMPOUND
Company's Name: VALVOLINE OIL CO SUBSIDIARY OF ASHLAND OIL INC. *
Company's Street: 200 E MAIN ST *
Company's P. O. Box: 14000 *
Company's City: LEXINGTON *
Company's State: KY *
Company's Country: US *
Company's Zip Code: 40512 *
Company's Emerg Ph #: 800-ASHLAND/800-274-5263 *
Company's Info Ph #: 606-264-7000/7616;FAX 601-429-0537 *
Distributor/Vendor # 1: BALKAMP INC (317-248-0760)
Distributor/Vendor # 1 Cage: 70842
Distributor/Vendor # 2: NATIONAL AUTOMOTIVE PARTS ASSN/NAPA/
Distributor/Vendor # 2 Cage: 050Q3
Safety Data Action Code: C
Record No. For Safety Entry: 018
Tot Safety Entries This Stk#: 029
Status: SE
Date MSDS Prepared: 16OCT89
Safety Data Review Date: 19MAR98 *
Supply Item Manager: CX *
MSDS Preparer's Name: UNKNOWN
MSDS Serial Number: CCKBM
Specification Number: NONE
Spec Type, Grade, Class: NONE
Hazard Characteristic Code: F5 *
Unit Of Issue: CN
Unit Of Issue Container Qty: 13 OZ
Type Of Container: AEROSOL CAN *
Net Unit Weight: 13 OZ *
NRC/State License Number: NOT RELEVANT

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Ingredients/Identity Information

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Proprietary: NO
Ingredient: PROPANE
Ingredient Sequence Number: 01
Percent: 25 - 30
NIOSH (RTECS) Number: TX2275000
CAS Number: 74-98-6
OSHA PEL: 1000 PPM
ACGIH TLV: ASPHYXIAN; 9596
Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO
Ingredient: [TOLUENE](#) (SARA 313) (CERCLA)
Ingredient Sequence Number: 02
Percent: 30 - 35
NIOSH (RTECS) Number: XS5250000
CAS Number: 108-88-3
OSHA PEL: 200 PPM; Z-2
ACGIH TLV: S, 50 PPM; 9596
Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO
Ingredient: [METHYL ALCOHOL](#) (METHANOL) (SARA 313) (CERCLA)
Ingredient Sequence Number: 03
Percent: 20 - 25
NIOSH (RTECS) Number: PC1400000
CAS Number: 67-56-1
OSHA PEL: S, 200 PPM
ACGIH TLV: S, 200PPM/250STEL; 96
Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO
Ingredient: ACETONE (SARA 313) (CERCLA)
Ingredient Sequence Number: 04
Percent: 10 - 15
NIOSH (RTECS) Number: AL3150000
CAS Number: 67-64-1
OSHA PEL: 1000 PPM
ACGIH TLV: 750PPM/1000STEL; 9596
Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO
Ingredient: DIACETONE ALCOHOL (4-HYDROXY-4-METHYL-2-PENTANONE)
Ingredient Sequence Number: 05
Percent: 1 - 5
NIOSH (RTECS) Number: SA9100000
CAS Number: 123-42-2
OSHA PEL: 50 PPM
ACGIH TLV: 50 PPM; 9596
Other Recommended Limit: NONE RECOMMENDED
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Physical/Chemical Characteristics
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Appearance And Odor: CLEAR, COLORLESS LIQUID
Boiling Point: 133F, 56C
Melting Point: UNKNOWN
Vapor Pressure (MM Hg/70 F): 182 @ 68F
Vapor Density (Air=1): >1
Specific Gravity: 0.840
Decomposition Temperature: UNKNOWN
Evaporation Rate And Ref: <1 (ETHER=1)
Solubility In Water: UNKNOWN
Percent Volatiles By Volume: 100
Viscosity: NOT KNOWN
Radioactivity: NOT RELEVANT

Corrosion Rate (IPY): UNKNOWN

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Fire and Explosion Hazard Data

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Flash Point: FLAMMABL AEROSOL
Flash Point Method: TCC
Lower Explosive Limit: 1.2
Upper Explosive Limit: UNKNOWN
Extinguishing Media: DRY CHEMICAL, CARBON DIOXIDE, FOAM. COOL FIRE-
EXPOSED
CONTAINERS WITH WATER SPRAY.
Special Fire Fighting Proc: WEAR FULL PROTECTIVE CLOTHING AND NIOSH-
APPROVED SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire And Expl Hazrds: SPRAY CANS UNDER PRESSURE. EXTREMELY
FLAMMABLE. EXPLOSION HAZARD EXISTS WHEN SPRAY CANS HEATED. DO NOT ENTER
SPRAY CAN STORAGE AREA IF FIRE PRESENT.

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Reactivity Data

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Stability: YES
Cond To Avoid (Stability): HIGH HEAT, OPEN FLAMES, DIRECT SUNLIGHT,
TEMPERATURES ABOVE 120F
Materials To Avoid: STRONG OXIDIZING AGENTS
Hazardous Decomp Products: CARBON MONOXIDE, CARBON DIOXIDE, VARIOUS
HYDROCARBONS
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): NOT RELEVANT

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Health Hazard Data

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LD50-LC50 Mixture: LD50 (ORAL, RAT) IS NOT KNOWN.
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: NO
Route Of Entry - Ingestion: NO
Health Haz Acute And Chronic: TARGET ORGANS:EYE, SKIN, CNS, LIVER,
KIDNEY,
SPLEEN. ACUTE- TOXIC. INHALATION MAY CAUSE CNS EFFECTS. MAY CAUSE
IRRITATION OF EYES, SKIN & RESPIRATORY TRACT. MAY CAUSE SKIN DEFATTING
&
BLINDNESS. HARMFUL IF INHALED/INGESTED. MAY CAUSE VOMITING. ASPIRATION
HAZAZARD. CHRONIC- DERMATITIS, LIVER, KIDNEY, LUNG, SPLEEN DAMAGE
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: NONE
Signs/Symptoms Of Overexp: IRRITATION, HEADACHE, DIFFICULTY IN
BREATHING,
NAUSEA, VOMITING, DEFATTING, DIZZINESS, LOSS OF COORDINATION, FATIGUE,
CONFUSION, DERMATITIS, BLURRED VISION, TEARING, BLINDNESS, DIARRHEA
Med Cond Aggravated By Exp: INDIVIDUALS WITH PRE-EXISTING DISEASES OF
THE

EYE, SKIN, RESPIRATORY TRACT, LIVER, KIDNEYS, SPLEEN, CNS MAY HAVE INCREASED SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURES. Emergency/First Aid Proc: GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. ORAL:DO NOT INDUCE VOMITING. SEEK IMMEDIATE MEDICAL ATTENTION. IF SPONTANEOUS VOMITING OCCURS, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF VOMITUS INTO LUNGS. KEEP INDIVIDUAL CALM AND WARM.

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Precautions for Safe Handling and Use
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Steps If Matl Released/Spill: VENTILATE AREA. REMOVE IGNITION SOURCES. LEAKING CONTAINERS SHOULD BE PLACED OUTDOORS, IN AN OPEN CONTAINER, AWAY FROM SOURCES OF IGNITION. ALLOW PRESSURE TO DISSIPATE. ABSORB LIQUID WITH NON-FLAMMABLE ABSORBENT AND PLACE IN CONTAINER FOR DISPOSAL. Neutralizing Agent: NOT RELEVANT Waste Disposal Method: DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. DO NOT PUNCTURE, INCINERATE SPRAY CANS EVEN AFTER USE. DO NOT FLUSH INTO DRAINS. CONTRACT WITH APPROVED WASTE DISPOSAL FACILITY CAPABLE OF HANDLING FLAMMABLE AEROSOLS. Precautions-Handling/Storing: STORE SPRAY CANS IN COOL, WELL VENTILATED AREAS AWAY FROM SOURCES OF IGNITION, INCOMPATIBLES & SUNLIGHT. DO NOT STORE ABOVE 120F. Other Precautions: "EMPTY" CONTAINERS RETAIN RESIDUE AND MAY BE DANGEROUS. FOLLOW ALL LABEL INSTRUCTIONS. AVOID REPEATED/PROLONGED SKIN CONTACT. KEEP OUT OF REACH OF CHILDREN. DO NOT BREATHE VAPORS. DO NOT SPRAY TOWARD FACE/HOT SURFACES. WASH AFTER HANDLING.

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Control Measures
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Respiratory Protection: IF TLV IS EXCEEDED, WEAR NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR OR AIR-PURIFYING RESPIRATOR. IN EMERGENCY, WEAR A NIOSH-APPROVED POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS. Ventilation: MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S). * Protective Gloves: BUTYL OR NITRILE Eye Protection: SAFETY GLASSES/CHEMICAL SPLASH GOGGLES Other Protective Equipment: EYE WASH STATION & SAFETY SHOWERS SHOULD BE AVAILABLE IN THE IMMEDIATE VICINITY OF ANY POTENTIAL EXPOSURE. Work Hygienic Practices: OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND

RECOMMENDED PROCEDURES. WASH THOROUGHLY BEFORE EATING,
DRINKING/SMOKING.
Suppl. Safety & Health Data: EXTREMELY FLAMMABLE. CONTENTS UNDER
PRESSURE.
CONTAINS FLAMMABLE GAS SUCH AS
PROPANE AND FLAMMABLE LIQUID. DO NOT USE IN
CONFINED AREA OR AREA WITH LITTLE AIR MOVEMENT. EMPLOY MEANS TO PREVENT
VAPOR BUILDUP.

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Transportation Data

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Transportation Action Code: C
Trans Data Review Date: 98078
DOT PSN Code: AGC
DOT Proper Shipping Name: AEROSOLS, FLAMMABLE, *
DOT Class: 2.1 *
DOT ID Number: UN1950 *
DOT Label: FLAMMABLE GAS *
DOT/DoD Exemption Number: NOT RELEVANT
IMO PSN Code: AKD
IMO Proper Shipping Name: AEROSOLS o *
IMO Regulations Page Number: 2102 *
IMO UN Number: 1950 *
IMO UN Class: 2(T) *
IMO Subsidiary Risk Label: T *
IATA PSN Code: AMM
IATA UN ID Number: 1950 *
IATA Proper Shipping Name: AEROSOLS, 36, *
IATA UN Class: 2.1 *
IATA Subsidiary Risk Class: 6.1 *
IATA Label: FLAMMABLE GAS & TOXIC *
AFI PSN Code: AMM
AFI Prop. Shipping Name: AEROSOLS, FLAMMABLE, N.O.S., (EACH NOT
EXCEEDING
1 L CAPACITY) CONTAINING SUBSTANCES IN DIVISION 6.1, PACKING GROUP III
*
AFI Class: 2.1 *
AFI ID Number: UN1950 *
AFI Label: 6.1 *
AFI Special Prov: P4 *
AFI Basic Pac Ref: A6.3 *
N.O.S. Shipping Name: CONTAINS
TOLUENE, METHANOL AND
PROPANE. *
Additional Trans Data: BOXES ARE MARKED TOXIC. *

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Disposal Data

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Label Data

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Label Required: YES
Technical Review Date: 12DEC96
MFR Label Number: UNKNOWN
Label Status: F
Common Name: CARBURATOR AND CHOKE CLEANER, 8700
Signal Word: DANGER!
Acute Health Hazard-Severe: X
Contact Hazard-Severe: X
Fire Hazard-Severe: X
Reactivity Hazard-None: X
Special Hazard Precautions: TARGET ORGANS:EYE, SKIN, CNS, SPLEEN,
LIVER,
KIDNEY. ACUTE- INHALING MAY CAUSE CNS EFFECTS. MAY CAUSE IRRITATION OF
EYES, SKIN & RESPIRATORY TRACT. HARMFUL IF INHALED/INGESTED. ASPIRATION
HAZAZARD. CHRONIC- DERMATITIS, CNS, LIVER, KIDNEY, SPLEEN DAMAGE. STORE
IN
COOL, VENTILATED AREAS AWAY FROM SOURCES OF IGNITION, INCOMPATIBLES.
ABSORB
SPILL WITH NON-FLAMMABLE ABSORBENT. PLACE IN CONTAINER FOR DISPOSAL.
FIRST
AID- GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH AIR.
PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15 MINUTES.
HOLD
EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. ORAL:DON'T INDUCE VOMITING.
CALL
DOCTOR AT ONCE.
Protect Eye: Y
Protect Skin: Y
Label Name: VALVOLINE OIL CO SUBSIDIARY OF ASHLAND OIL
INC.
Label Street: 200 E MAIN ST
Label P.O. Box: 14000
Label City: LEXINGTON
Label State: KY
Label Zip Code: 40512
Label Country: US
Label Emergency Number: 800-ASHLAND/800-274-5263