

VALVOLINE OIL CO SUBSIDIARY OF ASHLAND OIL INC. -- 8400, MAC'S RUBBERIZED UNDERCOAT  
-- 8030-00-546-8621

===== Product Identification =====

Product ID:8400, MAC'S RUBBERIZED UNDERCOAT

MSDS Date:05/31/1989

FSC:8030

NIIN:00-546-8621

MSDS Number: CCLRW

=== Responsible Party ===

Company Name:VALVOLINE OIL CO SUBSIDIARY OF ASHLAND OIL INC.

Address:200 E MAIN ST

Box:14000

City:LEXINGTON

State:KY

ZIP:405

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Country:US

Info Phone Num:606-264-7000/7616;FAX 601-429-0537

Emergency Phone Num:800-ASHLAND/800-274-5263

CAGE:72527

=== Contractor Identification ===

Company Name:BALKAMP INC

Address:2601 S HOLT ROAD

Box:City:INDIANAPOLIS

State:IN

ZIP:46241

Country:US

Phone:317-244-7241

CAGE:70842

Company Name:NAPA, A DIVISION OF LINCOLN AUTOMOTIVE

Address:ONE LINCOLN WAY

Box:City:ST. LOUIS

State:MO

ZIP:63120-1578

Country:US

Phone:414-255-5520

CAGE:050Q3

Company Name:VALVOLINE OIL CO

Address:3499 BLAZER PKY

Box:14000  
City:LEXINGTON  
State:KY  
ZIP:40512  
Country:US  
Phone:606-357-7206 / 800-274-5263  
CAGE:72527

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Composition/Information on Ingredients  
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Ingred Name:STODDARD SOLVENT  
CAS:8052-41-3  
RTECS #:WJ8925000  
Fraction by Wt: 55-70%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:500 PPM  
ACGIH TLV:100 PPM; 9495

Ingred Name:ISOBUTANE  
CAS:75-28-5  
RTECS #:TZ4300000  
Fraction by Wt: 1-10%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:PROPANE  
CAS:74-98-6  
RTECS #:TX2275000  
Fraction by Wt: 1-10%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:1000 PPM  
ACGIH TLV:ASPHYXIAN; 9495

Ingred Name:METHYL ALCOHOL (METHANOL) (SARA 313) (CERCLA)  
CAS:67-56-1  
RTECS #:PC1400000  
Fraction by Wt: 1-5%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:S, 200 PPM  
ACGIH TLV:S,200PPM/250STEL; 95  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

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Hazards Identification  
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LD50 LC50 Mixture:PRODUCT'S LD50 (ORAL RAT) WAS NOT STATED  
Routes of Entry: Inhalation:YES Skin:YES

Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYES:MAY CAUSE IRRITATION, REDNESS, TEARING, BLURRED VISION. PROLONGED &/OR REPEATED SKIN CONTACT MAY CAUSE IRRITATION, DEFATTING, DERMATITIS. BREATHING:MAY CAUSE NASAL & RESPIRATORY IRRITATION, CNS E FFECTS. SWALLOWING:MAY CAUSE G/I IRRITATION, NAUSEA, VOMITING, DIARRHEA. ASPIRATON INTO LUNGS MAY BE FATAL.

Explanation of Carcinogenicity:MANUFACTURER GAVE NO INFORMATION ABOUT CARCINOGENICITY. HMIS FOUND NO LISTING & DOES NOT EXPECT IT TO BE CARCINOGENIC.

Effects of Overexposure:MFR GAVE NO INFORMATION OF MSDS. SEE HEALTH HAZARDS.

Medical Cond Aggravated by Exposure:GET IMMEDIATE MEDICAL ATTENTION.

===== First Aid Measures =====

First Aid:IF IRRITATION PERSISTS OR IS SEVERE, GET MEDICAL ATTENTION.  
EYE:FLUSH W/WATER FOR 15 MIN. SKIN:WASH W/SOAP & WATER. REMOVE CONTAMINATED CLOTHING & LAUNDRER BEFORE REUSE. INHA LED:REMOVE FROM EXPOSURE. A ID OR RESTORE BREATHING AS NEEDED. INGESTED:DO NOT INDUCE VOMITING. KEEP VICTIM WARM & QUIET & GET IMMEDIATE MEDICAL ATTENTION. ASPIRATION OF PRODUCT INTO LUNGS DURING VOMITING MAY BE FATAL.

===== Fire Fighting Measures =====

Flash Point:20.0F,-6.7C  
Lower Limits:1.6  
Extinguishing Media:REGULAR FOAM, CARBON DIOXIDE, DRY CHEMICAL  
Fire Fighting Procedures:WATER MAY BE USED TO KEEP EXPOSED CONTAINERS COOL. WEAR SELF-CONTAINED BREATHING APPARATUS W/FULL FACEPIECE OPERATED IN POSITIVE PRESSURE MODE FOR FIGHTING FIRE  
Unusual Fire/Explosion Hazard:NEVER USE A TORCH ON OR NEAR DRUM (EVEN EMPTY) BECAUSE IT CAN EXPLODE. BOND OR GROUND 5 GAL OR LARGER CONTAINERS WHEN TRANSFERRING LIQUID.

===== Accidental Release Measures =====

Spill Release Procedures:SMALL SPILL:ELIMINATE SOURCES OF IGNITION. ALLOW TO EVAPORATE. ABSORB LIQUID W/ABSORBENT MATERIAL. LARGE SPILL:ELIM

IGNITE SOURCES OF IGNITION. ALLOW TO EVAPORATE. EVACUATE UNPROTECTED PERSONNEL. SOAK UP SPILL W/ABSORBENT MATERIAL. Neutralizing Agent:MFR GAVE NO INFORMATION OF MSDS.

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Handling and Storage  
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Handling and Storage Precautions:"EMPTY" CONTAINERS RETAIN RESIDUE & CAN IGNITE EXPLOSIVELY. DO NOT CUT, DRILL, OR WELD ON OR NEAR FULL OR EMPTY CONTAINERS.

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Exposure Controls/Personal Protection  
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Respiratory Protection:

IF EXPOSURE LIMITS OF PRODUCT IS EXCEEDED WEAR A NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR IN THE ABSENCE OF PROPER ENVIRONMENTAL CONTROL. OSHA REGULATIONS PERMIT OTHER RESPIRATORS UNDER SPECIFIED CONDITIONS.

Ventilation:USE MECHANICAL (GENERAL) VENTILATION & LOCAL EXHAUST TO KEEP EXPOSURE 1.0

Spec Gravity:UNAVAILABLE

Evaporation Rate & Reference:FASTER THAN ETHER

Appearance and Odor:AEROSOL LIQUID

Percent Volatiles by Volume:70-85

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Stability and Reactivity Data  
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Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, TEMPERATURES OVER 100F(38C).

Stability Condition to Avoid:MFR GAVE NO INFORMATION OF MSDS.

Hazardous Decomposition Products:CARBON DIOXIDE, CARBON MONOXIDE, VARIOUS HYDROCARBONS

Conditions to Avoid Polymerization:CANNOT OCCUR

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Disposal Considerations  
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Waste Disposal Methods:SMALL SPILL:ALLOW VOLITILES TO EVAPORATE IN HOOD. DISPOSE OF REMAINDER I/A

/W APPLICABLE REGULATIONS. LARGE

SPILL:VENTILATE AREA OF SPILL. ALLOW MATERIAL TO EVAPORATE. PUT CONTAMINATED ABSORBENT IN A LANDFILL I/A/W FEDERAL, STATE & LOCAL REGULATIONS.

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