

VALVOLINE OIL CO SUBSIDIARY OF ASHLAND OIL INC. -- 2800, MAC'S BLUE MAX  
CLEANER & POLISH -- 7930-00D020276

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

Product ID:2800, MAC'S BLUE MAX CLEANER & POLISH  
MSDS Date:05/31/1989  
FSC:7930  
NIIN:00D020276  
MSDS Number: CCLLV  
=== Responsible Party ===  
Company Name:VALVOLINE OIL CO SUBSIDIARY OF ASHLAND OIL INC.  
Address:200 E MAIN ST  
Box:14000  
City:LEXINGTON  
State:KY  
ZIP:40512  
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

===== Composition/Information on Ingredients =====

Ingred Name:STODDARD SOLVENT  
CAS:8052-41-3  
RTECS #:WJ8925000  
Fraction by Wt: 25-40%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:500 PPM  
ACGIH TLV:100 PPM; 9495

Ingred Name:MORPHOLINE

CAS:110-91-8  
 RTECS #:QD6475000  
 Fraction by Wt: 1-5%  
 Other REC Limits:NONE RECOMMENDED  
 OSHA PEL:S, 20 PPM  
 ACGIH TLV:S, 20 PPM; 9495

Ingred Name:MINERAL OIL  
 CAS:64742-53-6  
 RTECS #:PY8036000  
 Fraction by Wt: 1-5%  
 Other REC Limits:NONE RECOMMENDED  
 OSHA PEL:5 MG/M3 (OIL MIST)  
 ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:TURPENTINE  
 CAS:8006-64-2  
 RTECS #:YO8400000  
 Fraction by Wt: 1-5%  
 Other REC Limits:NONE RECOMMENDED  
 OSHA PEL:100 PPM  
 ACGIH TLV:100 PPM; 9495

===== Hazards Identification =====

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:CAUSES IRRITATION, REDNESS,  
 TEARING, BLURRED VISION. SKIN:PROLONGED &/OR REPEATED CONTACT CAN  
 CAUSE MODERATE IRRITATION, DERMATITIS. BREATHING:RESPIRATORY  
 IRRITATION, CNS EFFECTS. SWALLOWING:CAN CAUSE G/I IRRITATION,  
 NAUSEA, VOMITING,DIARRHEA. ASPIRATION INTO LUNGS CAN CAUSE CHEMICAL  
 PNEUMONITIS, POSSIBLE DEATH.  
 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:MFR GAVE NO INFORMATION OF MSDS.

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

First Aid:IF ANY IRRITATION PERSISTS OR SEVERE, GET MEDICAL ATTENTION.  
 EYE:FLUSH W/WATER FOR 15 MIN, LIFTING LIDS OCCASIONALLY. SKIN:WASH  
 THOROUGHLY W/SOAP & WATER. INHALED:REMOVE TO FRESH AIR. AID OR  
 RESTORE BREATHING. INGESTED:DO NOT INDUCE VOMITING. KEEP VICTIM  
 QUIET & GET IMMEDIATE MEDICAL ATTENTION. ASPIRATION OF MATERIAL  
 INTO LUNGS DUE TO VOMITING CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN  
 BE FATAL.

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

Flash Point Method:TCC  
 Flash Point:100F,38C  
 Autoignition Temp:Autoignition Temp Text:N/A.  
 Lower Limits:0.8  
 Upper Limits:UNAVAILABLE  
 Extinguishing Media:REGULAR FOAM, CARBON DIOXIDE, DRY CHEMICAL  
 Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS W/FULL

FACEPIECE OPERATED IN POSITIVE PRESSURE DEMAND MODE WHEN FIGHTING FIRES.

Unusual Fire/Explosion Hazard:NEVER USE TORCH ON DURM (EVEN EMPTY).  
PRODUCT MAY IGNITE EXPLOSIVELY. MAY FORM TOXIC MATERIALS:CARBON MONOXIDE, CARBON DIOXIDE, VARIOUS HYDROCARBONS.

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

Spill Release Procedures:SMALL SPILL:ABSORB ON PAPER ETC. & TRANSFER TO HOOD. LARGE SPILL:ELIMINATE IGNITION SOURCES. EVACUATE AREA. WEAR PROTECTIVE EQUIPMENT. STOP SPILL & DIKE. RECOVER LIQUID. ABSORB REMAINDER. SHOVEL INTO CONTAINERS. PREVENT RUN OFF TO SEWERS, ETC.  
Neutralizing Agent:MFR GAVE NO INFORMATION OF MSDS.

===== Handling and Storage =====

Handling and Storage Precautions:CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED. SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES, FOLLOW ALL PRECAUTIONS IN THIS DATASHEET.  
Other Precautions:NONE

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NOT REQUIRED UNDER NORMAL CONDITIONS OF USE.  
Ventilation:NOT REQUIRED UNDER NORMAL CONDITIONS OF USE.  
Protective Gloves:NOT REQUIRED UNDER NORMAL CONDITIONS  
Eye Protection:GLASSES TO COMPLY W/OSHA REGULATIONS.  
Other Protective Equipment:NORMAL WORK CLOTHING COVERING ARMS & LEGS.  
Work Hygienic Practices:MFR GAVE NO INFORMATION OF MSDS.  
Supplemental Safety and Health  
NONE

===== Physical/Chemical Properties =====


HCC:F4  
NRC/State Lic Num:NONE  
Boiling Pt:B.P. Text:212F,100C  
Vapor Pres:17.5 MM  
Vapor Density:>1  
Spec Gravity:>1  
pH:9-10  
Evaporation Rate & Reference:SLOWER THAN ETHER  
Appearance and Odor:BLUE LIQUID EMULSION  
Percent Volatiles by Volume:55-70

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES  
AVOID CONTACT W/STRONG OXIDIZING AGENTS  
Stability Condition to Avoid:MFR GAVE NO INFORMATION OF MSDS.  
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE  
Conditions to Avoid Polymerization:CANNOT OCCUR

===== Disposal Considerations =====

Waste Disposal Methods:SMALL SPILL:ALLOW VOLITILES TO EVAPORATE DESPOSE OF REMAINDER I/A/W APPLICABLE REGULATIONS. LARGE SPILL:DESTROY BY LIQUID INCINERATION. CONTAMINATED ABSORBENT MAY BE DEPOSITED IN LANDFILL I/A/W FEDERA L, STATE & LOCAL REGULATIONS. NOTIFY AUTHORITIES.



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