

VALVOLINE OIL CO SUBSIDIARY OF ASHLAND OIL INC. -- TECTYL 802 A -- 9150-00-231-2361  
===== Product Identification =====

Product ID:TECTYL 802 A

MSDS Date:06/10/1997

FSC:9150

NIIN:00-231-2361

MSDS Number: BVFQX

=== 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:606-357-784

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

CAGE:72527

=== Contractor Identification ===

Company Name:CHEMICAL SPECIALISTS AND DEVELOPMENT INC

Address:2210 HACKBERRY LN

Box:687

City:CONROE

State:TX

ZIP:77305

Country:US

Phone:409-756-1065

CAGE:4N760

Company Name:EMULTEC INDUSTRIAL PRODUCTS INC

Address:1150 HAYDEN DR SUITE 100

Box:City:CHARROLLTON

State:TX

ZIP:75006

Country:US

Phone:972-417-1288

CAGE:0WA27

Company Name:VALVOLINE OIL CO

Address:3499 BLAZER PKY

Box:14000

City:LEXINGTON

State:KY

Z

IP: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:ALIPHATIC PETROLEUM DISTILLATES/MINERAL OIL, HYDROTREATED  
(MILD), HEAVY NAPHTHENIC DISTILLATE, PETROLEUM

CAS:64742-52-5  
RTECS #:PY8035000  
Fraction by Wt: 80 - 90%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:5 MG/M3 AS OIL MIST  
ACGIH TLV:5 MG/M3 AS OIL MIST

Ingred Name:ORGANIC SALT  
Fraction by Wt: 2.6- 13%  
Other REC Limits:NONE RECOMMENDED  
OSHA PE  
L: OT ESTABLISHED

Ingred Name:GREASE (WOOL)  
CAS:8020-84-6  
Fraction by Wt: 2.1- 12%  
Other REC Limits:NONE RECOMMENDED

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Hazards Identification  
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LD50 LC50 Mixture:TLV FOR OIL MIST IS 5 MG/M3.  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, RESPIRATORY  
& GI TRACTS. ACUTE- EYE EXPOSURE MAY CAUSE MILD IRRITATION. SKIN  
EXPOSURE CAU  
SES IRRITATION. INHALATION OF VAPOR (HIGH TEMPERATURES  
ONLY)/OIL MIST MAY CAUSE IRRIT ATION. SINGLE ORAL TOXICITY IS LOW.  
LARGE AMOUNTS MAY BE HARMFUL. ASPIRATION HAZARD. CHRONIC- ALLERGIC  
SKIN REACTIONS.  
Explanation of Carcinogenicity:WARNING! USED MOTOR OILS WERE SHOWN TO  
CAUSE SKIN CANCER WHEN REPEATEDLY APPLIED TO MICE WITHOUT CLEANING  
SKIN.  
Effects of Overexposure:IRRITATION, NAUSEA, VOMITING, DIARRHEA,  
TEARING, HEADACHE, ALLERGIC SKIN REACTIONS, DRYING, BURNING

## CRACKING

Medical Cond Aggravated by Exposure: PERSONS WITH PRE-EXISTING SKIN DISORDERS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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

First Aid: CALL PHYSICIAN IF SYMPTOMS PERSIST. INHALED: MOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES: FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN: WASH WITH SOAP & WATER. ORAL: DO NOT INDUCE VOMITING. THIS MATERIAL IS AN ASPIRATION HAZARD. IF PERSON IS DROWSY/UNCONSCIOUS, PLACE ON LEFT SIDE WITH HEAD DOWN. GET MEDICAL ATTENTION. IF POSSIBLE, DO NOT LEAVE INDIVIDUAL UNATTENDED.

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

Flash Point Method: PMCC

Flash Point: 200F, 93C

Extinguishing Media: USE CARBON DIOXIDE, REGULAR FOAM/DRY CHEMICAL. DIRECTLY SPRAYING WATER/FOAM ONTO BURNING OIL MAY CAUSE FROTHING.

Fire Fighting Procedures: WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard: DENSE SMOKE

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

Spill Release Procedures: WEAR PROTECTIVE EQUIPMENT. REMOVE SPILL WITH INERT ABSORBENT SUCH AS SAND, CLAY, EARTH. TRANSFER TO PROPER CONTAINERS FOR DISPOSAL. PREVENT RUN-OFF TO ENTER SEWERS OR WATERWAYS. REPORT SPILL TO AUTHORITIES AS REQUIRED.

Neutralizing Agent: NOT RELEVANT

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

Handling and Storage Precautions: STORE IN A VENTILATED PLACE AWAY FROM STRONG OXIDIZING AGENTS. KEEP CONTAINER CLOSED.

Other Precautions: "EMPTY" CONTAINERS RETAIN RESIDUE. ALL PRECAUTIONS SHOULD BE OBSERVED. WASH THOROUGHLY AFTER HANDLING. KEEP OUT OF REACH OF CHILDREN. AVOID BREATHING MISTS/VAPORS. AVOID REPEATED SKIN CONTACT. DO NOT GET IN EYES. DO NOT INGEST.

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

Respiratory Protec

tion:NOT REQUIRED UNDER NORMAL CONDITIONS OF USE. IF  
HIGH VAPOR OR MIST CONCENTRATIONS EXPECTED, USE NIOSH APPROVED  
CHEMICAL CARTRIDGE RESPIRATOR FOR ORGANIC VAPORS AND MISTS. REFER  
TO 29 CFR 1910.134.

Ventilation:USE ADEQUATE VENTILATION TO KEEP OIL MISTS OF THIS MATERIAL  
BELOW APPLICABLE STANDARD(S).

Protective Gloves:NITRILE IF FREQUENT CONTACT EXPECTED

Eye Protection:SAFETY GOGGLES IF SPLASHING ANTICIPATED

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.

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USTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND  
RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR  
FOOTWEAR.

Supplemental Safety and Health

FORMULA CHANGED. FOR PREVIOUS FORMULATION, SEE PNI A, SAME NSN.

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

HCC:V6

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:>550F,>288C

Vapor Pres:1

Spec Gravity:0.920

Evaporation Rate & Reference: