

VALVOLINE OIL CO; SUBSIDIARY OF ASHLAND OIL, INC -- PETROLEUM BASED RUST
PREVENTATIVE TECTYL 517 -- 8030-00-221-1834

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

Product ID:PETROLEUM BASED RUST PREVENTATIVE TECTYL 517

MSDS Date:08/05/1991

FSC:8030

NIIN:00-221-1834

MSDS Number: BSRXB

=== Responsible Party ===

Company Name:VALVOLINE OIL CO; SUBSIDIARY OF ASHLAND OIL, INC

Box:1400

City:LEXINGTON

State:KY

ZIP:40

512

Country:US

Info Phone Num:606-264-7000

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

CAGE:72527

=== Contractor Identification ===

Company Name:F & L COMPANY

Address:1537 E DEL AMO BLVD

Box:City:CARSON

State:CA

ZIP:90746

Country:US

Phone:310-603-2200

CAGE:0KWTA

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 Na

me:ALIPHATIC HYDROCARBONS (STODDARD SOLVENT) (NIOSH RECOMMENDS
A LIMIT OF 350 MG/M3-8 HR TWA, 1800 MG/M3 15 MIN SAMPLE)

CAS:8052-41-3

RTECS #:WJ8925000

Fraction by Wt: 40-55%

Other REC Limits:NONE SPECIFIED

OSHA PEL:100 PPM

ACGIH TLV:100 PPM

Ingred Name:ALIPHATIC PETROLEUM DISTILLATES (FOR OIL MIST)

CAS:64742-53-6

RTECS #:PY8036000

Fraction by Wt: 1-10%

Other REC Limits:NONE SPECIFIED

OSHA PEL:5 MG/M3

ACGIH TLV:5 MG/M3;STEL 10MG/M3

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===== Hazards Identification =====
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Health Hazards Acute and Chronic:ACUTE: EYES:SEVERE

IRRIT,REDNESS,TEARING,BLURRED VISION. SKIN:PROLONGED/REPEATED

CONTACT-IRRIT,DEFATTING,DERMATITIS. INHAL:NASAL & RESP

IRRIT,CENTRAL NERVOUS SYS EFFECT(DIZZINESS,WEAKNESS,FATIGUE,NAUS

EA,UNCONSCIOUSNESS,DEATH). INGEST:GI

IRRIT,NAUSEA,VOMITING,DIARRHEA. ASPIRATION INTO LUNGS-CHEM

PNEUMONITIS,CAN BE FATAL

Effects of Overexposure:CHRONIC: OVEREXPOSURE TO THIS MATERIAL (OR ITS
COMPONENTS) HAS BEEN SUGGESTED AS

A CAUSE OF THE FOLLOWING EFFECTS

IN HUMANS: CENTRAL NERVOUS SYSTEM EFFECTS.

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===== First Aid Measures =====
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First Aid:SKIN:WASH W/SOAP & WATER. REMOVE CONTAM CLOTHES. WASH CONTAM
CLOTHES BEFORE REUSE. EYES:FLUSH W/LRG AMTS WATER,LIFTING LIDS
OCCASIONALLY. GET MED AID. INGEST:DON'T INDUCE VOMITING. KEEP WARM
& QUIET. GET MED AID. ASPIRATION INTO LUNGS (VOMIT) CAN CAUSE CHEM
PNEUMONITIS-CAN BE FATAL. INHAL:REMOVE TO FRESH AIR. IF BREATH

DIFFICULT,GIVE OXYGEN. IF STOPPED,GIVE ARTIF RESP. KEEP WARM,QUIET.GET MED AID.

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

Flash Point Method:COC

Flash Point:100F,38C

Lower Limits:1.0

Extinguishing Media:REGULAR FOAM, CARBON DIOXIDE, OR DRY CHEMICAL

Fire Fighting Procedures:WEAR SCBA W/FULL FACEPIECE IN POSITIVE PRESSURE MODE. WATER OR FOAM MAY CAUSE FROTHING WHEN SPRAYED INTO CONTAINER OF HOT BURNING LIQ (ENDANGER FIREFIGHTERS).

Unusual Fire/Explosion

Hazard:NEVER USE WELDING/CUTTING TORCH ON/NEAR DRUM (EVEN EMPTY). VAPOR HEAVIER THAN AIR,MAY TRAVEL DISTANCE,FLASHBACK. GROUND/BOND 5 GAL &+ METAL CNTNRS WHEN TRANSFR.

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

Spill Release Procedures:SMALL:ABSORB LIQ ON PAPER,VERMIC,FLOOR ABSORBNT,OTHER ABSORBNT. LRG:ELIMINATE IGNIT SOURCES. EVACUATE UNPROTECTED PERSONS. STOP SPILL AT SOURCE. DIKE AREA. PUMP LIQ TO SALVAGE TANK. TAKE UP REMAIN LIQ ON SAND,CLAY,EA

RTH,FLOOR

ABSORB,ETC. SHOVEL INTO*

Neutralizing Agent:* CNTNR. PREVENT RUNOFF TO SEWER,STREAM,WATER BODY. IF RUNOFF,NOTIFY AUTHORITIES

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

Handling and Storage Precautions:KEEP AWAY FROM HEAT & FLAME. USE/STORE ONLY W/VENT. MAINTAIN AMBIENT AIR CONC BELOW TLV/PEL. AVOID CONTACT WITH EYES & PROLONGED/REPEATED SKIN CONTACT

Other Precautions:CONTAINERS MAY BE HAZARDOUS WHEN EMPTIED (EMPTY CONTAINERS RETAIN PRODUCT

RESIDUES), OBSERVE ALL HAZARD PRECAUTIONS

GIVEN IN THIS DATASHEET. DO NOT USE CUTTING OR WELDING TORCH ON THIS CONTAINER (EVEN EMTPY). FOR INDUSTRIAL USE ONLY.

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

Respiratory Protection:IF TLV/PEL EXCEEDED, NIOSH/MSHA AIR SUPPLIED RESPIRATOR ADVISED IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL. OSHA REGS PERMIT OTHER NIOSH/MSHA RESPIRATOR (NEG PRESSR) FOR SPECIFIC CONDITIONS. IMPLEMENT ENGINEERING/ADMINISTRAT

IVE CONTROLS.

Ventilation:PROVIDE SUFFICIENT MECHANICAL (GENERAL &/OR LOCAL EXHAUST)

VENTILATION TO MAINTAIN EXPOSURE BELOW TLV'S.

Protective Gloves:NEOPRENE, NITRILE RUBBER GLOVES

Eye Protection:CHEMICAL SPLASH GOGGLES, SAFETY GLASSES

Other Protective Equipment:TO PREVNT REPEATED OR PROLONGED SKIN CONTACT, WEAR IMPERVIOUS CLOTHING AND BOOTS.

Supplemental Safety and Health

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

HCC:F4

Boiling Pt:B.P. Text:334F,168C

Vapor P

res:2.00 @ 20C

Vapor Density:> AIR

Spec Gravity:0.883 TO 0.894

Evaporation Rate & Reference:SLOWER THAN ETHER

Appearance and Odor:OPAQUE BLACK LIQUID

Percent Volatiles by Volume:40-55

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

Stability Indicator/Materials to Avoid:YES

AVOID CONTACT WITH STRONG OXIDIZING AGENTS

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.

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