

VALVOLINE OIL CO -- TECTYL 517 -- 8010-01-127-3684

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

Product ID:TECTYL 517
MSDS Date:07/05/1996
FSC:8010
NIIN:01-127-3684
MSDS Number: CGXPJ
=== Responsible Party ===
Company Name:VALVOLINE OIL CO
Address:200 E MAIN ST
Box:14000
City:LEXINGTON
State:KY
ZIP:40512
Country:US
Info Phone Num:606-265-7000
Emergency Phone Num:606-265-7000
CAGE:72527
=== Contractor Ident
ification ===
Company Name:ASHLAND INC ASHLAND INDUSTRIAL PRODUCTS DIV
Address:491 RAILROAD ST
Box:City:ROCHESTER
State:PA
ZIP:15074-1905
Country:US
Phone:724-770-1500
CAGE:0XDH2
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 =====

Ingred Name:ALIPHATIC HYDROCARBONS (STODDARD TYPE)
CAS:8052-41-3
RTECS #:WJ8925000
Fraction by W

t: 38-48%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM
ACGIH TLV:100 PPM

Ingred Name:ALIPHATIC PETROLEUM DISTILLATES
CAS:64742-53-6
RTECS #:PY8036000
Fraction by Wt: 0.0-7.0%
Other REC Limits:NONE RECOMMENDED

Ingred Name:PIGMENT DISPERSION
CAS:1333-86-4
RTECS #:FF5800000
Fraction by Wt: 0.0-6.0%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:3.5 MG/M3
ACGIH TLV:3.5 MG/M3

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:EYE: IRRIT, STINGING, TEARS, RED, SWELLING. SKIN: IRRIT, DRY, RED, BURNING, CRACKING. INHAL: LOW TOXICITY, CNS DEPRESS, DIZZY, DROWSY, WEAK, FATIGUE, NAUSEA, HEADACHE, UNCONSCIOUS, DEATH, NOSE, THROAT & RESP TRACT IRRIT. INGEST: LOW TOXICITY, LUNG INFLAM, DAMAGE, GI IRRIT, NAUSEA, VOMIT, DIARRHEA.

Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN DISORDERS, ASTHMA-LIKE CONDITIONS.

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

First Aid:EYE: GET FRESH AIR. FLUSH W/WATER LIFTING LIDS. SKIN: REMOVE CONTAM CLOTHES, WASH BEFORE REUSE. WASH W/SOAP & WATER. INHAL: GET FRESH AIR. KEEP WARM/QUIET. ARTIF RESP/OXYGEN IF NEEDED. INGEST: DONT IN DUCE VOMIT. ASPIRATION HAZARD. IF DROWSY/UNCONSCIOUS, PLACE ON LEFT SIDE, HEAD DOWN. DONT LEAVE UNATTENDED. GET IMMED MED AID IN ALL CASES.

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

Flash Point Method:PMCC

Flash Point:106F,41C

Lower Limits:1.0

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

Fire Fighting Procedures:WATER/FOAM MAY CAUSE FROTHING. USE POSITIVE PRESSURE SCBA W/FULL FACE PIECE. USE TURN-OUT GEAR/CHEMICAL RESIST PERSONAL PROTECTION.

Unusual Fire/Explosion Hazard:VAPORS >AIR & MAY TRAVEL TO IGNITS. NO WELDING, CUTTING ON OR NEAR FULL/EMPTY DRUM. CAN IGNITE EXPLOSIVELY.

===== Accidental Release Measur
es =====

Spill Release Procedures:SM: ABSORB. LG: REMOVE IGNITS. STOP SPILL. PREVENT FROM ENTERING BODIES WATER. PUMP/VACUUM TO CLEAN CONTAINERS FOR RECOVERY. ABSORB UNRECOVERABLE MATERIAL & TRANSFER CONTAM ABSORBENT/SOIL TO CONTAINER FOR DISPOSAL.

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

Handling and Storage Precautions:EMPTY CONTAINERS CONTAIN RESIDUE. FOLLOW ALL HAZARDOUS PRECAUTIONS.

Other Precautions:BOND & GROUND CONTAINERS WHEN TRANSFERING ALL 5GL

PAILS OR LARGER MATAL CONTAINERS INCLUDING TANK CARS/TRUCKS.

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

Respiratory Protection:IF EXPOSURE LIMITS EXCEEDED, USE NIOSH/MSHA APPROVED RESPIRATOR. OSHA ALSO PERMITS OTHER NIOSH/MSHA RESPIRATORS FOR NEGATIVE PRESSURE TYPE UNDER SPECIFIC CONDITIONS.

Ventilation:SUFFICIENT MECHANICAL (GENERAL/LOCAL EXHAUST) TO MAINTAIN EXPOSURE BELOW TLV.

Protective Gloves:RESISTANT NEOPRENE/NITRILE RUBBER

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e Protection:CHEMICAL SPLASH GOGGLES/SAFETY GLASSES

Other Protective Equipment:IMPERVIOUS CLOTHES/BOOTS.

Supplemental Safety and Health

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

Boiling Pt:B.P. Text:315F,157C

Vapor Pres:2 @ 68F

Vapor Density:>1 AIR=1

Spec Gravity:0.939 @ 77F

pH:NA

Evaporation Rate & Reference:SLOWER THAN ETHYL ETHER

Appearance and Odor:LIQUID, HETEROGENEOUS SOLUTION, OPAQUE BLACK.

Percent Volatiles by Volume:40-45

===== Stability

and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES
STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products: CO, CO₂, VARIOUS HYDROCARBONS.

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

Waste Disposal Methods: ACCORDING TO FEDERAL, STATE, LOCAL REGULATIONS.

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