

VALVOLINE OIL CO SUBSIDIARY OF ASHLAND OIL INC. -- TECTYL 846, CLASS I -- 8030-00-062-5866

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Product Identification
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Product ID:TECTYL 846, CLASS I

MSDS Date:04/13/1998

FSC:8030

NIIN:00-062-5866

MSDS Number: CHLZS

=== 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 N

um:606-329-3333, 606-357-7847

Emergency Phone Num:800-ASHLAND/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:0KWT9

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:RUSTPROOFING

COMPOUND

Fraction by Wt: 50-60%

Other REC Limits:NONE RECOMMENDED

Ingred Name:ALIPHATIC HYDROCARBON, (STODDARD SOLVENT)

CAS:8052-41-3

RTECS #:WJ8925000

Fraction by Wt: 39-49%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:500 PPM

ACGIH TLV:100 PPM; 9596

Ingred Name:MIXTURE- PETROLEUM HYDRCARBONS

CAS:68425-34-3

Fraction by Wt: 46-56%

Other REC Limits:NONE RECOMMENDED

Ingred Name:ALIPHATIC PETROLEUM DISTILLATE

CAS:64742-52-5

Fraction by Wt: 1-9%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3

AS OIL MIST

ACGIH TLV:5 MG/M3 AS OIL MIST

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

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

Health Hazards Acute and Chronic:EYES: IRRITATION. SKIN: IRRITATION,
REPEATED CONTACT MAY DRY SKIN AND CAUSE ALLERGIC SKIN REACTION.

INHALATION: SMALL AMOUNTS NOT LIKELY TO CAUSE HARMFUL EFFECTS.
LARGE AMOUNTS MAY BE

HARMFUL. INGESTION: SMALL AMOUNTS NOT LIKELY
TO CAUSE HARMFUL EFFECTS. LARGE AMOUNTS MAY BE HARMFUL.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:EYES: IRRITATION, STINGING, SWELLING. SKIN:
IRRITATION, REDNESS, DRYING, BURNS, SKIN DAMAGE, ALLERGIC SKIN
REACTION, RASH, BLISTERING, SCALING. INHALATION: IRRITATION OF
NOSE, THROAT, AIRWAYS, CNS DEPRESSION, DIZZINESS, DROWSINESS,
NAUSEA, UNCONSCIOUSNESS, DEATH. INGESTION: STOMACH/INTESTINAL
UPSET, NAUSEA, DI

ARRHEA.

Medical Cond Aggravated by Exposure:CNS EFFECTS.

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

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. IF SYMPTOMS DEVELOP, GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH SKIN WITH SOAP AND WATER. IF SYMPTOMS PERSIST, GET MEDICAL ATTENTION. INHA LATION: MOVE TO FRESH AIR. IF NOT BREATHING, GIVE CPR. IF BREATHING DIFFICULT GIVE OXYGEN. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VO MITING. GET MEDICAL ATTENTION.

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

Flash Point:>106F,>41C

Lower Limits:1.0

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

Fire Fighting Procedures:WATER OR FOAM MAY CAUSE FROTHING AND ENDANGER THE LIFE OF FIREFIGHTER. USE SCBA WITH FULLFACE PIECE OPERATED IN POSITIVE PRESS DEMAND MODE AND TURN-OUT GEAR.

Unusual Fire/Explosion Hazard:VAPORS, HEAVIER THAN AIR, MAY TRAVEL TO DISTANT IGNITION SOURCE AND F LASH BACK. NEVER USE WELDING/CUTTING TORCH ON OR NEAR DRUM (EVEN EMPTY), WHICH MAY EXPLODE.

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

Spill Release Procedures:ABSORB SMALL SPILLS ON ABSORBENTS. LARGE SPILLS: ELIMINATE IGNITION SOURCES. STOP SPILL, DIKE AREA. PREVENT FROM ENTERING DRAINS, SEWERS, STREAMS, OR OTHER BODIES OF WATER. RECOVER LIQUID TO SALVAGE. IF RUN-OFF OCCURS, NOTIFY AUTHORITIES.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP AWAY FROM SOURCES OF IGNITION. USE AND STORE IN AREAS WITH ADEQUATE VENTILATION. GROUND/BOND ALL 5-GAL AND LARGER CONTAINERS WHEN TRANSFERRING.

Other Precautions:EMPTY CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS DUE TO RETAINED RESIDUES (VAPOR, LIQUID, SOLID). DONT USE CUT/WELD TORCH ON CONTAINERS (EVEN EMPTY).

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

Respiratory Protection:RECOMMEND USING NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR IF WORKPLACE EXPOSURE LIMITS ARE EXCEEDED. ENGINEERING OR ADMINISTRATIVE CONTROLS SHOULD BE IMPLEMENTED TO REDUCE EXPOSURE.

Ventilation:PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:WEAR IMPERVIOUS GLOVES.

Eye Protection:CHEMICAL SPLASH GOGGLES.

Other Protective Equipment:WEAR NORMAL WORK CLOTHING COVERING ARMS AND LEGS.

Work Hygienic Practices:WASH HANDS AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

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

HCC:F4

Boiling Pt.=157.2C, 315.F

Vapor Pres:2.0

Vapor Density:1 (AIR=1)

Spec Gravity:0.870

VOC Grams/Liter:3.4

Evaporation Rate & Reference:SLOWER THAN ETHYL ETHER

Appearance and Odor:LIQUID. AMBER COLOR.

Percent Volatiles by Volume:40-46

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products:MAY FORM: CARBON DIOXIDE, CARBON MONOXIDE, SULFUR COMPOUNDS, VARIOUS HYDROCARBONS.

Conditions to Avoid Polymerization:WILL NOT UNDERGO HAZARDOUS POLYMERIZATION.

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

Waste Disposal Methods:TRANSFER CONTAMINATED

PRODUCT/ABSORBENT TO

CONTAINERS FOR DISPOSAL. DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL,
STATE AND FEDERAL REGULATIONS.

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