

VALVOLINE OIL CO SUBSIDIARY OF ASHLAND OIL INC. -- TECTYL 846, 50010175 --  
8030-00-526-1605

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

Product ID:TECTYL 846, 50010175

MSDS Date:02/13/1991

FSC:8030

NIIN:00-526-1605

MSDS Number: BWCXQ

=== 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:CONVOY OIL CORP

Address:1410 N FRONT STREET

Box:29366

City:PHILADELPHIA

State:PA

ZIP:19125

Country:US

Phone:215-739-5281

CAGE:6A438

Company Name:STEVEN INDUSTRIES

Address:39 AVENUE C

Box:8

City:BAYONNE

State:NJ

ZIP:07002-3417

Country:US

Phone:201-437-6501

CAGE:33150

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:MINERAL SPIRITS  
CAS:64475-85-0  
RTECS #:PY8240000  
Fraction by Wt: 30-60%  
Other REC Limits:100 PPM (MFR)

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS UNKNOWN.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE-EYE:SEVERE IRRITATION.  
PROLONGED/REPEATED SKIN CONTACT:MODERATE IRRITATION. INHALED:NASAL  
AND RESPIRATORY IRRITATION, CNS EFFECTS INCLUDING, DIZZINESS,  
WEAKNESS, FATIGUE, NAUSEA, HEADACHE, UNCONSCIOUSNESS, DEATH.  
INGESTED:G/I IRRITATION, NAUSEA, VOMITING, DIARRHEA. ASPIRATION  
HAZARD. CHRONIC-CNS EFFECTS.  
Explanation of Carcinogenicity:MFR LISTED NO INFORMATION ABOUT THE  
CARCINOGENICITY OF THIS MATERIAL. HMIS DOES NOT EXPECT IT TO BE  
CARCINOGENIC.

Effects of Overexposure:EYE:IRRITATION, REDNESS, TEARING, BLURRED  
VISION. SKIN:IRRITATION, DEFATTING, DERMATITIS. INHALATION:NASAL  
AND RESPIRATORY IRRITATION, CNS EFFECTS, DIZZINESS, WEAKNESS,  
FATIGUE, NAUSEA, HEADACHE, UNCONSCIOUSNESS, DEATH. INGESTION:G/I  
IRRITATION, NAUSEA, VOMITING, DIARRHEA. ASPIRATION INTO LUNGS CAN  
BE FATAL.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid

:EYE:FLUSH WITH LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION.  
SKIN:REMOVE CONTAMINATED CLOTHING. WASH AREA WITH SOAP AND WATER.  
LAUNDRER CLOTHING BEFORE REUSE. INHALED:MOVE TO FRESH AIR. AID OR  
RESTORE BREATHING AS NEEDED. GET MEDICAL ATTENTION. INGESTION: DO  
NOT INDUCE VOMITING, KEEP PERSON WARM, QUIET. GET MEDICAL  
ATTENTION. ASPIRATION OF MATERIAL INTO LUNGS CAN CAUSE CHEMICAL  
PNEUMONITIS.

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

Flash Point:100F,38C  
Lower Limits:0.6  
Extinguishing Media:REGULAR FOAM, CARBON DIOXIDE, DRY CHEMICAL.  
Fire Fighting Procedures:WEAR SCBA,FULL FACEPIECE,IN PRESSURE DEMAND  
MODE. WATER/FOAM MAY CAUSE FROTHING IF SPRAYED DIRECTLY INTO  
HOT,BURNING LIQUID, THUS ENDANGERING FIRE FIGHTERS.  
Unusual Fire/Explosion Hazard:NEVER USE WELDING/CUTTING TORCH ON/NEAR  
DRUM (EVEN EMPTY),PRODUCT/RESIDUE CAN IGNITE EXPLOSIVELY.VAPORS MAY  
TRAVEL LONG DISTANCE TO IGNITION SOURCE & BACKFLASH.

=====

= Accidental Release Measures =====

Spill Release Procedures:ABSORB LIQUID ON PAPER, VERMICULITE, FLOOR  
ABSORBENT AND TRANSFER TO HOOD.  
Neutralizing Agent:NO INFORMATION GIVEN BY MFR ON MSDS.

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

Handling and Storage Precautions:KEEP AWAY FROM HEAT AND OPEN FLAME.  
USE/STORE ONLY WITH ADEQUATE VENTILATION. DO NOT TRANSFER TO  
UNLABELED CONTAINER. PROTECT FROM PHYSICAL DAMAGE.  
Other Precautions:CONTAINERS  
MAY BE HAZARDOUS WHEN EMPTY. EMPTY  
CONTAINERS MAY RETAIN RESIDUE LIQUID, VAPORS, SOLIDS. OBSERVE ALL  
PRECAUTIONS ON THIS MSDS. DO NOT USE CUTTING OR WELDING TORCH ON  
THIS CONTAINER (EVEN WHEN EMPTY).

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

Respiratory Protection:USE A NIOSH/MSHA APPROVED AIR SUPPLIED  
RESPIRATOR IN THE ABSENCE OF ENVIRONMENTAL CONTROLS. OSHA  
REGULATIONS PERMIT OTHER RESPIRATORS UNDER SPECIFIED CONDITIONS.  
IMPLEMENT ADMINISTRATION

TIVE & ENGINEERING CONTROLS TO REDUCE EXPOSURES.

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

Protective Gloves:WEAR RESISTANT GLOVES.

Eye Protection:CHEMICAL SPLASH GOGGLES OR OTHER OSHA

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

Work Hygienic Practices:MFR: ? HMIS:USE GOOD INDUSTRIAL HYGIENE PRACTICE. AVOID UNNECESSARY EXPOSURE. WASH THOROU

GHLY BEFORE EATING

OR DRINKING

Supplemental Safety and Health

NONE

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

HCC:F4

NRC/State Lic Num:NONE

Boiling Pt:B.P. Text:302F,150C

Vapor Pres:1 (AIR=1)

Spec Gravity:0.866-0.876

Evaporation Rate & Reference:SLOWER THAN ETHER

Appearance and Odor:LIQUID. APPEARANCE NOT SPECIFIED.

Percent Volatiles by Volume:40-55

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

Stability Indicator/Materials to Avoid:YES

AVOID CONTACT WITH STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:NO INFORMATION GIVEN BY MFR ON MSDS.

Hazardous Decomposition Products:MAY FORM TOXIC MATERIALS; CARBON

DIOXIDE, CARBON MONOXIDE, VARIOUS HYDROCARBONS, SULFUR COMPOUNDS.

Conditions to Avoid Polymerization:CANNOT OCCUR.

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

Waste Disposal Methods:ALLOW VOLITILE PORTION TO EVAPORATE IN HOOD.

ALLOW SUFICIENT TIME FOR VAPORS TO COMPLETELY CLEAR HOOD DUCT

WORK.

DISPOSE OF REMAINING MATERIAL I/A/W APPLICABLE REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.