

ASHLAND OIL INC, VALVOLINE OIL CO SUB -- TECTYL 846,MIL-C-16173D GRADE 4 --
8030-00-903-0931

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

Product ID:TECTYL 846,MIL-C-16173D GRADE 4

MSDS Date:02/13/1991

FSC:8030

NIIN:00-903-0931

MSDS Number: BTHHX

=== Responsible Party ===

Company Name:ASHLAND OIL INC, VALVOLINE OIL CO SUB

Address:3499 DABNEY DR

Box:14000

City:LEXINGTON

State:KY

ZIP:40512

Country:US

Info Ph

one Num:606-264-7000

Emergency Phone Num:800-274-5263

Preparer's Name:NONE

CAGE:81355

=== Contractor Identification ===

Company Name:ASHLAND INC

Address:1409 WINCHESTER AVE

Box:391

City:ASHLAND

State:KY

ZIP:41114

Country:US

Phone:800-622-6846

CAGE:81355

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

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Composition/Information on Ingredients
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Ingred Name:HYDROTREATED HEAVY PETROLEUM NAPHTHA
CAS:64742-48-9
Fraction by Wt: 30-60%
Other REC Limits:100 PPM (MFR)
OSHA PEL:100 PPM
ACGIH TLV:100 PPM 9394

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Hazards Identification
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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: EYES: SEVERE IRRITATION. SKIN:
MODERATE IRRITATION. INHALATION: VAPORS/MISTS CAN CAUSE NAZAL AND
RESPIRATORY IRRITATION, CNS EFFECTS, UNCONSCIOUSNESS, DEATH.
INGESTION: GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING,
DIARRHEA. CHRONIC: CNS EFFECTS. PROLONGED/REPEATED SKIN CONTACT CAN
CAUSE DEF
ATTING, DERMATITIS.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:EYES: IRRITATION, REDNESS, TEARING, BLURRED
VISION. SKIN: IRRITATION, DEFATTING, DERMATITIS. INHALATION: NASAL
AND RESPIRATORY IRRITATION, CNS EFFECTS, DIZZINESS, WEAKNESS,
FATIGUE, NAUSEA, HEADACHE, UNCONSCIOUSNESS, DEATH. INGESTION: GI
TRACT IRRITATION, NAUSEA, VOMITING, DIARRHEA. ASPIRATION INTO LUNGS
CAN BE FATAL.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH AREA WITH SOAP AND WATER. INHALATION: MOVE TO FRESH AIR. IF NOT BREATHING, GIVE CPR. IF BREATHING DIFFICULT, GIVE OXYGEN. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING, KEEP PERSON WARM, QUIET. GET MEDICAL ATTENTION. ASPIRATION OF MATERIAL INTO LUNGS CAN BE FATAL.

===== 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 POSITIVE PRESSURE DEMAND MODE WHEN FIGHTING FIRES.WATER/FOAM MAY CAUSE VIOLENT FROTHING IF SPRAYED DIRECTLY INTO HOT,BURNING LIQUID.

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 SMALL SPILLS ON PAPER, VERMICULITE, FLOOR ABSORBENT AND TRANSFER TO HOOD. DIKE AND PUMP LARGE SPILLS TO TANK. ABSORB RESIDUE AS FOR SMALL SPILLS. PREVENT RUN-OFF TO SEWERS, STREAMS, OTHER BODIES OF WATER. IF RUN-OFF OCCURS, NOTIFY AUTHORITIES.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== 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. DO NOT USE CUTTING OR WELDING TORCH ON THIS CONTAINER (EVEN EMPTY).

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

Respiratory Protection:WEA

R A NIOSH/MSHA APPROVED AIR SUPPLIED
RESPIRATOR IF WORKPLACE EXPOSURE LIMITS ARE EXCEEDED.
Ventilation:PROVIDE SUFFICIENT MECHANICAL (GENERAL) AND/OR LOCAL EXHAUST
VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).
Protective Gloves:WEAR IMPERVIOUS GLOVES.
Eye Protection:SPLASH GOGGLES ARE RECOMMENDED.
Other Protective Equipment:TO PREVENT REPEATED/PROLONGED SKIN CONTACT,
WEAR IMPERVIOUS CLOTHING AND BOOTS.
Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING,
DRINKING, OR SM
OKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.
Supplemental Safety and Health
NONE

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

HCC:F4
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:45-55

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

Stability Indicator/Materials to Avoid:YES
AVOID
CONTACT WITH STRONG OXIDIZING AGENTS.
Stability Condition to Avoid:EXCESSIVE HEAT, OPEN FLAME, SPARKS, OTHER
IGNITION SOURCES.
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:DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE
AND FEDERAL REGULATIONS. ALLLOW VOLAT
ILE PORTION OF SMALL SPILLS TO
EVAPORATE IN HOOD. DISPOSE OF REMAINING MATERIAL AS PERMITTED. IF
PERMITTED, DESTROY LARGE SPILLS BY LIQUID INCINERATION,

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