

VALVOLINE OIL CO SUBSIDIARY OF ASHLAND OIL INC. -- TECTYL 275 -- 8030-00-281-2338

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Product Identification
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Product ID:TECTYL 275

MSDS Date:02/10/1993

FSC:8030

NIIN:00-281-2338

MSDS Number: BTSNL

=== 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:606-264-7000/76

16;FAX 601-429-0537

Emergency Phone Num:800-274-5263

CAGE:72527

=== Contractor Identification ===

Company Name:RALRUBE INC.

Address:36977 FOX GLEN

Box:City:FARMINGTON HILLS

State:MI

ZIP:48331

Country:US

Phone:248-661-0260, FAX 248-661-3941

CAGE:6X798

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:NAPHTHA, MED

IUM ALIPHATIC
CAS:64742-88-7
Fraction by Wt: 25-40%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM
ACGIH TLV:100 PPM

Ingred Name:MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED LIGHT
NAPHTHENIC/PETROLATUM

CAS:64742-53-6
RTECS #:PY8036000
Fraction by Wt: 25-40%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3 (OIL MIST)
ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:2-BUTOXYETHANOL
CAS:111-76-2
RTECS #:KJ8575000
Fraction by Wt: 10-15%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:S, 50 PPM
AC
GIH TLV:S, 25 PPM; 9394

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===== Hazards Identification =====
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES:MAY CAUSE IRRITATION.SKIN:MAY
CAUSE IRRITATION AND DEFATTING.2-BUTOXYETHANOL MAY BE DERMALLY
ABSORBED IN HARMFUL AMOUNTS.INGEST:MAY CAUSE GI TRACT
IRRITATION.MAY CAUSE LUNG DAMAGE IF VOMITED AFTE R
INGESTING.INHAL:MAY CAUSE RESPIRATORYIRRITAT
ION,CNS
EFFECTS.CHRONIC:MAY DAMAGE LIVER,CNS,KINDEY,BLOOD FORMING ORGANS.
Explanation of Carcinogenicity:THERE ARE NO INGREDIENTS ABOVE 0.1%
WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.
Effects of Overexposure:SKIN:DERMATITIS.EYES:REDNESS,TEARING,BLURRED
VISION.INGEST:NAUSEA,VOMITING,DIARRHEA.INHAL:DIZZINESS,WEAKNESS,FAT
IGUE,NAUSEA,HEADACHE,POSSIBLE UNCONSCIOUSNESS.
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN AND
RESPIRATORY AILMENTS MAY BE

AT INCREASED RISK FROM EXPOSURE.

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First Aid Measures
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First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH SOAP AND WATER.EYES:FLUSH WITH WATER FOR 15 MINUTES.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.INGEST:DO NOT INDUCE VOMITING. GET PROMPT QUALIFIED MEDICAL ATTENTION.

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Fire Fighting Measures
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Flash Point Method:TCC

Flash Point:>148F,>64C

Lower Limits:1.

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Extinguishing Media:REGULAR FOAM,CARBON DIOXIDE,DRY CHEMICAL.WATER OR FOAM CAN CAUSE FROTHING IF SPRAYED INTO BURNING LIQUID.

Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.COOL FIRE EXPOSED CONTAINERS WITH WATER FOG.

Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR,CAN TRAVEL DISTANCES ALONG THE GROUND,AND FLASHBACK AT THE SOURCE.

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Accidental Release Measures
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Spill Release Proced

ures:ELIMINATE SOURCES OF IGNITION.USE PROPER RESPIRATORY AND PROTECTIVE EQUIPMENT.SHUT OFF LEAK IF SAFE.DIKE.SOAK UP WITH A NON-COMBUSTIBLE INERT ABSORBANT(CLAY,SAND);PLACE IN PROPER CONTAINER FOR DISPOSAL.PREVENT RUNOFF TO SEWER.

Neutralizing Agent:NONE

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Handling and Storage
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Handling and Storage Precautions:STORE IN A COOL,DRY,WELL-VENTILATED PLACE.KEEP CONTAINER CLOSED WHEN NOT IN USE.AVOID SOURCES OF IGNITION.USE WITH A DEQUATE VENTILATION.

Other Precautions:GROUND CONTAINERS WHEN TRANSFERRING LIQUIDS.FOLLOW LABEL DIRECTIONS.AVOID BREATHING VAPORS.AVOID SKIN AND EYE CONTACT.EMPTY CONTAINERS MAY BE DANGEROUS;DISPOSE OF PROPERLY.

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Exposure Controls/Personal Protection
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Respiratory Protection:WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN ENCLOSED SPACES USE A SELF-CONTAINED BREATHING APPARATUS.

Ventilation:LOCAL VENTILATION AT THE WORKSITE;MECHANICAL(GENERAL) VENTILAT

ION TO MAINTAIN TLV/PEL.

Protective Gloves:NEOPRENE,NITRILE.

Eye Protection:CHEMICAL SPLASH GOGGLES.

Other Protective Equipment:PROTECTIVE CLOTHING,AS NEEDED.PROVIDE A
LOCAL EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:WASH HANDS.SEPERATE WORK CLOTHES FROM STREET
CLOTHES.LAUNDER WORK CLOTHES BEFORE REUSE.KEEP FOOD OUT OF THE WORK
AREA.

Supplemental Safety and Health

NONE

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

HCC:V4

Boiling Pt:B.P. Text:

315F,157C

Vapor Pres:2

Vapor Density:>1

Spec Gravity:0.852-0.876

Viscosity: