

VALVOLINE OIL CO SUBSIDIARY OF ASHLAND OIL INC. -- TELCTYL 275 -- 8030-00-252-8301

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

Product ID:TELCTYL 275

MSDS Date:02/19/1987

FSC:8030

NIIN:00-252-8301

MSDS Number: BLNBQ

=== 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/800-274-526

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CAGE:72527

=== Contractor Identification ===

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:ALIPHATIC HYDROCARBONS (NIOSH--LIMIT OF 350 MG/CUM--8 HRS
TIME WEIGHTED AVERAGE, 1800 MG/CUM PER 15 MINUTE SAMPLE)

CAS:64475-85-0

RTECS #:PY8240000

Fraction by Wt: 35-40%

Other REC Limits:NONE SPECIFIED

OSHA PEL:

500 PPM
ACGIH TLV:100 PPM

Ingred Name:ALIPHATIC PETROLEUM DISTILLATES
CAS:64742-54-7
RTECS #:PY8035500
Fraction by Wt: 35-40%
Other REC Limits:* OIL MIST
OSHA PEL:5MG/M3;10MG/M3 STEL*
ACGIH TLV:5MG/M3;10MG/M3 STEL*

Ingred Name:2-BUTOXYETHANOL
CAS:111-76-2
RTECS #:KJ8575000
Fraction by Wt: 10-15%
Other REC Limits:NONE SPECIFIED
OSHA PEL:S, 50 PPM
ACGIH TLV:S, 25 PPM; 9293

Ingred Name:**SKIN ABSORPTION MAY CONTRIBUTE TO THE OVERALL EXPOSURE.
APPROPRIATE MEASURES SHOULD BE TO TAKEN TO AVOID
ABSORPTION***
RTECS #:9999999ZZ
Other REC Limits:NONE SPECIFIED

Ingred Name:***SO THAT THE TLV IS NOT INVALIDATED.
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Health Hazards Acute and Chronic:CHRONIC: ANEMIA, LIVER, LYMPHOID
SYSTEM AND/OR, KIDNEY AND/OR LUNG DAMAGE. SKIN: PROLONGED OR
REPEATED CONTACT CAN CAUSE IRRITATION, DEFATTING, DERMATITIS.
PRODUCT CAN BE ABSORBED
THROUGH SKIN & PRODU CE TOXIC EFFECTS.
ANIMALS: ANEMIA, LIVER ABNORMALITIES, KIDNEY DAMAGE, LUNG DAMAGE,
BLOOD ABNORMALITIES
Effects of Overexposure:EYES: SEVERE IRRITATION, REDNESS, TEARING,
BLURRED VISION. BREATHING: (VAPOR) NASAL & RESPIRATORY IRRITATION,
DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, UNCONSCIOUSNESS &
ASPHYXIATION. SWALLOWING : GASTROINTESTINAL IRRITAION, NAUSEA,
VOMITING & DIARRHEA. ASPIRATION CAN CAUSE CHEMICAL PNEUMONITIS (CAN
BE FATAL).

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

First Aid:SKIN: WASH W/SOAP/WTR. REMOVE CONTAM CLOTH. LAUNDER CLOTH BEFORE REUSE. EYES: FLUSH W/LRG AMTS WTR, LIFTING UPPER/LOWER LIDS. CALL DR. INGEST: DON'T INDUCE VOMIT. DILUTE W/2 GLASSES WTR. KEEP WARM/QUI ET. CALL DR. ASPIRATION--CHEMICAL PNEUMONITIS (CAN BE FATAL). INHAL: REMOVE TO FRESH AIR. LABORED BREATH--OXYGEN. NO BREATH--ARTIF RESP. KEEP WARM/QUIET. CALL DR. NOTHING BY MOUTH TO UNCONSCIOUS.

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

Flash Point:100F,38C

Lower Limits:1.0%

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

Fire Fighting Procedures:SCBA W/FULL FACEPIECE (PRESS-DEMAND OR OTHER POS PRESS MODE). WATER OR FOAM CAN FROTH VIOLENTLY. ENDANGER LIFE, ESP IF SPRAYED ON CNTNRS OF HOT BURNING LIQUID.

Unusual Fire/Explosion Hazard:MAY IGNITE EXPLOSIVELY. VAPORS > AIR. MAY TRAVEL ALONG GROUND/MOVED BY VENT & IGNITED BY IGNITION S

OURCES. 5

GL & LARGER PAILS GROUNDED/BONDED WHEN*

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

Spill Release Procedures:SMALL: USE ABSORB MATR'L & TRANSFER TO HOOD. LARGE: REMOVE IGNITION SOURCES. EVACUATE THOSE W/OUT PROTECTIVE EQUIPMENT. STOP SPILL AT SOURCE. DIKE TO CONTAIN. PUMP TO SALVAGE TANK. ABSORBENT REMAINDER & SHOVEL INTO CONTAINERS. PREVENT RUN-OFF*

Neutralizing Agent:*--SEWERS/STREAMS/BODIES OF WTR. NOTIFY AUTH AS REQUIRED THAT SPILL HAS OCCURED.

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

Handling and Storage Precautions:KEEP AIR CONCENTRATION(S) BELOW LEL. DON'T TRANSFER TO UNLABELED CNTNR. STORE W/ADEQUATE VENT. NO HEAT/SPARKS/OPEN FLAME.

Other Precautions:COMBUSTIBLE. DON'T USE CUTTING/WELDING TORCH ON CNTNR (EVEN EMPTY). CNTNRS MAY BE HAZARDOUS (RETAIN PROD RESIDUE), ALL HAZARD PRECAUTIONS MUST BE OBSERVED. AVOID CONTACT W/EYES/SKIN (IRRITATION).

===== Exposure C

ontrols/Personal Protection =====

Respiratory Protection:NIOSH/MSHA APPROVED AIR SUPPLIED RSPRTR ADVISED
IN ABSENCE OF ENVIRONMENTAL CONTROL (ABOVE TLV). OSHA REGULATIONS
PERMIT OTHER NIOSH/MSHA APPROVED RSPRTRS UNDER SPECIFIED
CONDITIONS. ENGINEER/ADMIN CN TRLS SHOULD BE IMPLEMENTED (EXPOS
AIR

Spec Gravity:.860 @ 60.00 F

Evaporation Rate & Reference:SLOWER THAN ETHER.

Solubility in Water:**@ 68.00 F

Appearance and Odor:LIQUID

Percent Volatiles by Volume:40-45

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

Stability Indicator/Materials to Avoid:YES

AVOID CONTACT WITH STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:*TRANSFERED. NEVER USE WELDING OR CUTTING
TORCH ON OR NEAR DRUM (EVEN EMPTY). PRODUCT (EVEN RESIDUE)-IGNITE
EXPLOSIVELY.

Hazardous Decomposition Products:CARBON DIOXIDE, CARBON MONOXIDE,
VARIOUS HYDROCARBONS, ETC.

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

Waste Disposal Methods

:SMALL: ALLOW VOLATILE PART TO EVAPORATE IN HOOD.

ALLOW SUFFICIENT TIME TO CLEAR HOOD DUCTS. DISPOSE OF MATERIAL IN
ACCORD W/APPLICABLE REGULATIONS. LRG: DESTROY BY INCINERATION.
CONTAM RESIDUE--LANDFI LL IN ACCORD W/FEDERAL, STATE & LOCAL
REGULATIONS.

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