

VALVOLINE OIL CO SUBSIDIARY OF ASHLAND OIL INC. -- TECTYL 802 A -- 9150-00-231-2357

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

Product ID:TECTYL 802 A

MSDS Date:05/16/1991

FSC:9150

NIIN:00-231-2357

MSDS Number: BNNCW

=== 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 KAREN SCALES

Emergency Phone Num:800-ASHLAND(2745263)/FAX 6014290537

CAGE:72527

=== Contractor Identification ===

Company Name:EMULTEC INC

Address:1150 HAYDEN DR SUITE 100

Box:City:CARROLLTON

State:TX

ZIP:75006

Country:US

Phone:972-417-1288

CAGE:0HD15

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:HYDRO

TREATED HEAVY NAPHTHENIC DISTILLATE,
PETROLEUM/LUBRICATING OIL BASE STOCK
CAS:64742-52-5
RTECS #:PY8035000
Fraction by Wt: 85- 100%
Other REC Limits:NONE SPECIFIED
OSHA PEL:5 MG/M3 OIL MIST
ACGIH TLV:5 MG/M3 OIL MIST

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

LD50 LC50 Mixture:TLV IS 5 MG/M3 AS OIL MIST.
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/SKIN:MAY
CAUSE IRRITATION.
INHALATION:FUMES/MISTS MAY IRRITATE NASAL & RESPIRATORY PASSAGES.
INGESTION:MAY CAUSE MOUTH & GASTROINTESTINAL IRRITATION. ASPIRATION
HAZARD IF SWALLOWED. CHRONI C- MAY CAUSE SKIN IRRITATION &
DERMATITIS.
Effects of Overexposure:MAY CAUSE EYE AND SKIN IRRITATION. INHALATION
OF FUMES/MISTS MAY IRRITATE NASAL & RESPIRATORY PASSAGES. INGESTION
MAY CAUSE MOUTH & GASTROINTESTINAL IRRITATION. ASPIRATION HAZARD IF
SWALLOWED.
Medical Cond Aggravated by Expo
sure:PREEXISTING SKIN DISORDERS MAY BE
AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN:REMOVE
EXCESS. WASH SKIN WITH SOAP & WATER. EYE:FLUSH WITH WATER FOR 15
MINUTES, HOLDING EYELIDS OPEN. INHALED:REMOVE TO FRESH AIR &
PROVIDE OXYGEN/CPR IF NEEDED. ORAL:DO NOT INDUCE VOMITING.GET
IMMEDIATE MEDICAL ATTENTION.

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

Flash Point:>200F,>93C
Extinguishing Media:CO2, FOAM OR DRY CHEMICAL. WATER OR FOAM MAY CAUSE
FROTHING BUT CAN BE USED TO COOL FIRE-EXPOSED CONTAINERS.
Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND
NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL
FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.
Unusual Fire/Explosion Hazard:NEVER USE WELDING OR CUTTING TORCH ON OR
NEAR DRUM (EVEN EMPTY) BECAUSE PRODUCT (EVEN RESIDUE) CAN IGNITE

EXPLOSIVELY.

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

Spill Release Procedures:ELIMINATE ALL SOURCES OF IGNITION.STOP LEAK.DIKE THE SPILLS.USE PUMP TO TRANSFER LARGE SPILLS TO CONTAINER FOR DISPOSAL.REMAINING LIQUID/SMALL SPILLS CAN BE TAKEN UP ON SAND,CLAY,EARTH & SHOVELD INTO CONTAINERS.PREVENT RUN-OFF TO ENTER WATERWAYS.

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

Handling and Storage Precautions:STORAGE- STORE IN A COOL PLACE AWAY

FROM FLAMES & OXIDANTS. KEEP CONTAINER CLOSED.

Other Precautions:"EMPTY" CONTAINERS MAY RETAIN RESIDUE AND CAN BE DANGEROUS.DO NOT PRESSURIZE,CUT,WELD,BRAZE,SOLDER,DRILL,GRIND OR EXPOSE SUCH CONTAINERS TO HEAT,FLAME,SPARKS.THEY MAY EXPLODE AND CAUSE INJURY/DEATH.AV OID REPEATED/PROLONGED SKIN CONTACT.

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

Respiratory Protection:NON REQUIRED UNDER NORMAL CONDITIONS. IF HIGH VAPOR OR MIST CONCENTRATION S EXPECTED, USE NIOSH-APPROVED RESPIRATOR FOR ORGANIC VAPORS AND MISTS. WEAR SUPPLIED-AIR RESPIRATOR PROTECTION IN CONFINED OR ENCLOSED SPACES, IF NEEDED.

Ventilation:USE ADEQUATE VENTILATION TO KEEP OIL MISTS OF THIS MATERIAL BELOW APPLICABLE STANDARD(S).

Protective Gloves:OIL RESISTANT

Eye Protection:CHEMICAL GOGGLES

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER. INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:DO NOT BREATHE MISTS/V APORS. AVOID CONTACT WITH

EYES. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING AND DRINKING.

Supplemental Safety and Health

24-HOUR EMERGENCY NUMBER IS 1-800-ASHLAND.

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

HCC:V6

Boiling Pt:B.P. Text:>500F,>260C

Vapor Density:>1

Spec Gravity:0.945 - 0.928

Evaporation Rate & Reference: