

VALVOLINE OIL CO -- TECTYL 891 CLASS I -- 8030-00-244-1300

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

Product ID:TECTYL 891 CLASS I
MSDS Date:02/02/1995
FSC:8030
NIIN:00-244-1300
MSDS Number: CFJSK
=== Responsible Party ===
Company Name:VALVOLINE OIL CO
Box:1400
City:LEXINGTON
State:KY
ZIP:40512
Country:US
Info Phone Num:606-357-7847
Emergency Phone Num:800-274-5263
CAGE:72527
=== Contractor Identification
n ===
Company Name:F & L COMPANY
Box:UNKNOWN
CAGE:0KTW9
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:ASPHALT (PETROLEUM)
CAS:8052-42-4
RTECS #:CI9900000
Fraction by Wt: 45-50%
Other REC Limits:NONE RECOMMENDED
ACGIH TLV:5 MG/M3

Ingred Name:OXYGENATED PETROLEUM FRACTION (ALIPHATIC)
Fraction by Wt: 1 - 5%
Oth

er REC Limits:NONE RECOMMENDED

Ingred Name:CALCIUM PETROLERUM SULFONATE
CAS:61789-86-4
RTECS #:WR7140000
Fraction by Wt: 1- 5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3
ACGIH TLV:5 MG/M3 STEL 10

Ingred Name:MINERAL SPIRITS
CAS:64742-47-8
RTECS #:OA5504000
Fraction by Wt: 30-35%
Other REC Limits:350 MG/M3 STEL 1800
OSHA PEL:5 MG/M3
ACGIH TLV:5 MG/M3

Ingred Name:ALIPHATIC HYDROCARBONS (STODDARD TYPE)
CAS:8452-41-3
Fraction by Wt: 10 - 15%
Other REC Limits:350 MG/M3 STEL 1800
OSHA PEL:1
00 PPM
ACGIH TLV:100 PPM

Ingred Name:PROPYLENE GLYCOL MONOMETHYL ETHER
CAS:107-98-2
RTECS #:UB7700000
Fraction by Wt: 1 - 5%
Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE: IRRITATION, (STINGING, TEARING,
REDNESS, SWELLING, BLURRED VISION). SKIN: IRRITATION, (REDNESS,
BURNING, DRYING,
CRACKING). INHAL: HARMFUL, (RESPIRATORY TRACT
IRRIT, CNS DEPRESSION. INGEST: HARMFUL, (GI IRRIT, NAUSEA, VOMIT,
DIARRHEA). MAY CAUSE LUNG INFLAMMATION &/OR DAMAGE.
Medical Cond Aggravated by Exposure:SKIN DISORDERS, LUNG DISORDERS.

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

First Aid:SKIN: REMOVE CONTAM CLOTHES, WASH BEFORE REUSE. WASH W/SOAP &
WATER, GET MED AID. EYE: MOVE TO FRESH AIR, FLUSH GENTLY W/WATER,
GET MED AID. INGEST: DONT INDUCE VOMIT. IF

DROWSY/UNCONSCIOUS,
PLACE ON LEFT SIDE W/HEAD DOWN. GET MED AID. DONT LEAVE VICTIM
UNATTENDED. INHAL: MOVE TO FRESH AIR, GET MED AID. KEEP PERSON
WARM/QUIET. IF NOT BREATHING BEGIN ARTIF RESP. IF BREATHING DIFF
GIVE OXYGEN.

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

Flash Point:106F,41C
Lower Limits:1.0
Extinguishing Media:REGULAR FOAM, CARBON DIOXIDE, DRY CHEMICAL.
Fire Fighting Procedures:USE SCBA W/FACEPIECE IN POSITIVE PRESSURE
MODE, TURN OUT
GEAR, PERSONAL PROTECTIVE EQUIPMENT. WATER/FOAM
CAUSES VIOLENT/DANGEROUS FROTHING.
Unusual Fire/Explosion Hazard:VAPORS >AIR & TRAVEL TO IGNITION SOURCES
AND FLASH BACK.

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

Spill Release Procedures:SMALL SPILL: ABSORB. TRANSFER TO HOOD. LARGE
SPILL: ELIMINATE IGNITS. EVAC AREA. STOP SPILL IF SAFE. DIKE. IF
RUN-OFF OCCURS NOTIFY AUTHORITIES AS REQUIRED. PUMP/VACUUM INTO
CONTAINERS FOR RECOVERY. A BSORB THE RES
T AND CONTAINERIZE FOR
DISPOSAL.

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

Handling and Storage Precautions:STORE IN A COOL, WELL VENTED AREA AWAY
FROM IGNITS. KEEP OUT OF REACH OF CHILDREN. DONT WELD/CUT ON/NEAR
DRUM. GROUND/BOND WHEN TRANSFERING.
Other Precautions:CONTAINER RETAINS PRODUCT RESIDUE.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR.
Ventilation:MECH
ANICAL (GENERAL) AND/OR LOCAL EXHAUST
Protective Gloves:NEOPRENE, NITRILE
Eye Protection:CHEMICAL SPLASH GOGGLES
Other Protective Equipment:WEAR IMPERVIOUS CLOTHING AND BOOTS
Supplemental Safety and Health
NK

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

Boiling Pt:B.P. Text:270F,132C
Vapor Pres:10 @ 68F
Vapor Density:>AIR
Spec Gravity:0.9
Evaporation Rate & Reference: