

F & L COMPANY, INC. -- TECTYL 275, #50011511 -- 8030-01-396-5748

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

Product ID:TECTYL 275, #50011511

MSDS Date:02/10/1995

FSC:8030

NIIN:01-396-5748

MSDS Number: CFDKF

=== Responsible Party ===

Company Name:F & L COMPANY, INC.

Address:1537 E. DEL AMO BLVD

City:CARSON

State:CA

ZIP:90746

Country:US

CAGE:JO940

=== Contractor Identification ===

Company Name:F & L COMPANY

Address:1537 E DEL AMO BLVD

Box:City:CARSON

State:CA

ZIP:90746

Country:US

Phone:310-603-2200

CAGE:0KWT9

Company Name:F & L COMPANY, INC.

Address:1537 E. DEL AMO BLVD

Box:City:CARSON

State:CA

ZIP:90746

Country:US

CAGE:JO940

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:OXYGENATED HYDROCARBONS (SARA 313)

Frac

tion by Wt: 10-15%
Other REC Limits:NONE RECOMMENDED

Ingred Name:SODIUM PETROLEUM SULFONATE
CAS:68608-26-4
Fraction by Wt: 1-10%
Other REC Limits:NONE RECOMMENDED

Ingred Name:ALIPHATIC HYDROCARBONS STODDARD TYPE
CAS:8052-41-3
RTECS #:WJ8925000
Fraction by Wt: 45-50%
Other REC Limits:350 MG/M3 NIOSH
OSHA PEL:100 PPM
ACGIH TLV:100 PPM

Ingred Name:PETROLEUM LUBE OIL
CAS:64742-65-0
RTECS #:PY8038500
Fraction by Wt: 25-30%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3
ACGIH TLV:5 MG/M3 10MG/M
E STEL

Ingred Name:3THYLENE GLYCOL MONOPROPYL ETHER (SARA 313)
CAS:2807-30-9
RTECS #:KM2800000
Fraction by Wt: 1-5%
Other REC Limits:25 PPM STEL SUPPLY

Ingred Name:PROPYLENE GLYCOL MONOPROPYL ETHER
CAS:1569-01-3
RTECS #:UB9351000
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). SKIN: IRRITATION, (REDNESS, BURNING, DRYING, CRACKING), ABSORPTION, (TOXIC). INHAL: RESPIRATORY TRACT IRRIT, LUNG DISORDERS, CNS DEPRESSION. IN GEST: HARMFUL, (GI IRRIT, NAUSEA, VOMIT, DIARRHEA).

Explanation of Carcinogenicity:NONE

Effects of Overexposure:NK *ARTIF RESP. IF BREATHING IS DIFFICULT, GIVE OXYGEN. CHRONIC: MAY CAUSE BLOOD ABNORMALITIES, CNS DEPRESSION, RESPIRATORY SYSTEM/EYE/KIDNEY/LIVER DAMAGE.

Medical Condition Aggravated by Exposure:SKIN DISORDERS, LUNG DISORDERS.

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

First Aid:SKIN: REMOVE CONTAM CLOTHES, WASH BEFORE REUSE. GET MED AID. EYE: IMMEDIATELY REMOVE TO FRESH AIR. FLUSH EYE GENTLY WITH WATER FOR >15 MINUTES, LIFT LIDS, GET IMMEDIATE MED AID. INGEST: DON'T INDUCE VOMIT. IF PERSON DROWSY/UNCONSCIOUS, PLACE ON LEFT SIDE WITH HEAD DOWN, GET MED AID. DON'T LEAVE VICTIM UNATTENDED. INHAL: IMMEDIATELY REMOVE TO FRESH AIR. GET MED AID IMMEDIATELY. KEEP PERSON WARM/QUIET. IF NOT BREATHING, BEGIN *ARTIFICIAL RESPIRATION.

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

Flash Point:106F,41C
Lower Limits:1.0%
Extinguishing Media:REGULAR FOAM, CO2 & DRY CHEMICAL.
Fire Fighting Procedures:USE SCBA WITH FULLFACE PIECE OPERATED IN POSITIVE PRESSURE DEMAND MODE, APPROPRIATE TURN OUT GEAR & CHEM RESISTANT PERSONAL PROTECTIVE EQUIPMENT.
Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR & TRAVEL ALONG GROUND OR MAY BE MOVED BY VENTILATION & IGNITE EXPLOSIVELY BY IGNITION SOURCES. WATER/FOAM MAY CAUSE VIOLENT/DANGEROUS FROTHING.

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

Spill Release Procedures:SMALL SPILL: ABSORB. LARGE SPILL: ELIMINATE SPILL, EVACUATE AREA. DIKE. IF RUNOFF OCCURS NOTIFY AUTHORITIES AS REQUIRED. PUMP/VACUUM TO CONTAINERS FOR RECOVERY. ABSORB. CONTAINERIZE FOR DISPOSAL.

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

Handling and Storage Precautions:

DON'T TRANSFER TO UNLABELED
CONTAINERS.

Other Precautions:NEVER USE WELDING OR CUTTING TORCH ON OR NEAR DRUM
(EVEN EMPTY). GROUND/BOND CONTAINERS WHEN MATERIAL IS TRANSFERRED.

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

Respiratory Protection:USE A NIOSH/MSHA APPROVED AIR SUPPLIED
RESPIRATOR.

Ventilation:PROVIDE SUFFICIENT MECHANICAL (GENERAL)/LOCAL EXHAUST
VENTILATION.

Protective Gloves:NITRILE RUBBER

Eye Protection:CHEMICAL SPLASH GOGGLES, SAFETY GLASS
ES

Other Protective Equipment:NORMAL WORK CLOTHING COVERING ARMS & LEGS.

Work Hygienic Practices:REMOVE/LAUNDER CONTAM CLOTHING BEFORE REUSE.

Supplemental Safety and Health
MORE INFORMATION ON FILE.

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

Boiling Pt:B.P. Text:315F,157C

Vapor Pres:2.0

Vapor Density:>AIR

Spec Gravity:0.841

Evaporation Rate & Reference:SLOWER THAN ETHER

Appearance and Odor:AMBER LIQUID.

Percent Volatiles by Volume:50-55

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:IGNITION SOURCES.

Hazardous Decomposition Products:TOXIC MATERIALS, CO₂, CO & VARIOUS
HYDROCARBONS

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

Waste Disposal Methods:IN ACCORDANCE W/LOCAL/STATE/FEDERAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by

elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.