

MOBIL OIL CORP -- VACUOLINE 1405 -- 9150-01-087-0051

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

Product ID:VACUOLINE 1405
MSDS Date:06/18/1991
FSC:9150
NIIN:01-087-0051
MSDS Number: BNBDT
=== Responsible Party ===
Company Name:MOBIL OIL CORP
Address:3225 GALLOWS RD
City:FAIRFAX
State:VA
ZIP:22037
Country:US
Info Phone Num:800-662-4525 OR 800-227-0707
Emergency Phone Num:609-737-4411;800-424-9300(CHEMTREC)

Preparer's Name:ENVIRON HLTH & SFTY DEPT
CAGE:1E969
=== Contractor Identification ===
Company Name:MOBIL OIL CORP
Address:530 EAST SWEDES FORD ROAD
Box:1031
City:VALLEY FORGE
State:PA
ZIP:19482
Country:US
Phone:703-849-3265
CAGE:1E969
Company Name:MOBIL OIL CORP ENVIRONMENTAL AFFAIRS & TOXICOLOGY
Address:PENNINGTON-ROCKY HILL RD
Box:City:PENNINGTON
State:NJ
ZIP:08534
Country:US
CAGE:0AHK0

=====
===== Composition/Information on Ingredients =====

Ingred Name:BASE OILS, CONTAINING INGREDIENTS

DIENTS 2 & 3.
RTECS #:9999999ZZ
Fraction by Wt: >95%

Ingred Name:MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED HEAVY
PARAFFINIC;(DIST (PETROL)), HYDROTREATED HEAVY PARAFFINIC)
CAS:64742-54-7
RTECS #:PY8035500
OSHA PEL:5 MG/M3 (OIL MIST)
ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:MINERAL OIL, PETROLEUM DISTILLATES, SOLVENT-DEWAXED
HEAVY;(DIST,(PETROL), SOLV-DEWAXED HVY PARAFFIN)
CAS:64742-65-0
RTECS #:PY8038500
OSHA PEL:5 MG/M3 (OIL MIST)
ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:LARD OIL
CAS:8016-28-2
Fraction by Wt: 0.1%

Ingred Name:TOLUENE (SARA III)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 0.002%
OSHA PEL:200 PPM/150 STEL
ACGIH TLV:50 PPM; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:DISP METH:FACILITY. USE OF THESE METHODS ARE SUBJECT TO
USER COMPLIANCE W/APPLIC LOCAL, STATE, AND FEDERAL (ING 7)
RTECS #:9999999ZZ

Ingred Name:ING 6:LAWS AND REGULATIONS AND CONSIDERATION OF PRODUCT
CHARACTERISTICS AT TIME OF DISPOSAL.
RTECS #:9999999ZZ

=====

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

LD50 LC50 Mixture:LD50:ORAL RAT >15 G/KG

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INHAL:NOT APPLICABLE. HARMFUL

CONCENTRATIONS OF MISTS AND/OR VAPORS ARE UNLIKELY TO BE ENCOUNTERED THROUGH ANY CUSTOMARY OR REASONABLY FORESEEABLE HANDLING, USE OR MISUSE OF PRODUCT. EYE/SKIN:EXPECTED TO BE NON-IRRITATING. BASED ON TESTIN

GOF SIMILAR PRODUCTS AND/OR COMPONENTS.

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:SEE HEALTH HAZARDS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYE:FLUSH THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, CALL MD. SKIN:WASH CONTACT AREA WITH SOAP AND WATER. INHAL:MOVE TO FRESH AIR. SUPPORT BREATHING (GIVE O*2/ARTF RESP) (F P N).

INGEST:NOT EXPECTED TO BE A PROBLEM. IF UNCOMFORTABLE SEEK MD ASSISTANCE.

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

Flash Point Method:COC

Flash Point:>385F,>196C

Lower Limits:.6%

Upper Limits:7.0%

Extinguishing Media:CARBON DIOXIDE, FOAM, DRY CHEMICAL AND WATER FOG.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP . WATER/FOAM MAY CAUSE FROTHING. USE WATER TO KEEP FIRE EXPOSED CONTR COOL. WATER SPRAY MAY BE USED (SUPDAT)

Unusual Fir

e/Explosion Hazard:NONE.

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

Spill Release Procedures:REPORT SPILLS AS REQ TO APPROP AUTH. U. S. COAST GUARD REG REQ IMMEDIATE REPORTING OF SPILLS THAT COULD REACH ANY WATERWAY INCLUDING INTERMITTENT DRY CREEKS. REPORT SPILL TO COAST GUARD AT 800-424-880 2. ABSORB ON FIRE RETARDANT TREATED (SUPDAT)

Neutralizing Agent:REFER TO SPILL PROCEDURES.

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

Ha

Handling and Storage Precautions:NONE SPECIFIED BY MANUFACTURER.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:NO SPECIAL REQUIREMENTS UNDER ORDINARY CONDITIONS OF USE AND WITH ADEQUATE VENTILATION. USE NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN .

Ventilation:NO SPECIAL REQUIREMENTS UNDER ORDINARY CONDITIONS OF USE AND WITH ADEQUATE VENTILATION.

Protective Gloves:IMP
EVIDENT GLOVES .

Eye Protection:CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:GOOD PERSONAL HYGIENE PRACTICES SHOULD BE FOLLOWED.

Supplemental Safety and Health

FIRE FIGHT PROC:TO FLUSH SPILLS FROM EXPOS. PREVENT RUNOFF FROM FIRE CONTROL/DILUTION FROM ENTERING STREAMS, SEWERS/DRINKING WATER SUPPLY. SPILL PROC:SAWDUST, DIATOMACEOUS EARTH, ETC. SHOVEL UP & DISP OF AT AN APPROP WASTE DISP FAC I/A/W FED/STATE/LOC LAWS &

REGS, & PROD CHARACTERISTICS AT TIME OF DISP.

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

Boiling Pt:B.P. Text:>600F,>316C

Vapor Pres: