

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: BNBTD

=== 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

=== Contrac

tor Identification ===

Company Name:MOBIL OIL CORP

Address:530 EAST SWEDESFORD 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, CONTAING INGREDIENTS 2 & 3.

RTECS #:9999999ZZ

Fraction by Wt: >95%

Ingred Nam

e: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 I  
II)  
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 =====

LD  
50 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 TESTING OF SIMILAR PRODUCTS AND/OR  
COMPONENTS.  
Explanation of Carci

nogenicity: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 M D 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 Fire/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 =====

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:IMPERVIOUS 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.

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

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