

MATERIAL SAFETY DATA SHEET
PUMPELLY OIL COMPANY
1890 SWISCO ROAD
SULPHUR, LA 70665
(337) 625-1117 - (800) 256-2512
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SECTION I

PRODUCT NAME OR NUMBER
MANUFACTURER NAME: PUMPELLY OIL COMPANY
ADDRESS: 1890 SWISCO ROAD
SULPHUR, LA 70665

D & L MULTI-PURPOSE THINNER

EMERGENCY TELEPHONE NO:
1-800-633-8253

HAZARDOUS MATERIALS DESCRIPTION, SHIPPING NAME, HAZARD CLASS ID
PLANT RELATED MATERIAL UN-1263

ADDITIONAL HAZARD CLASSES(AS APPLICABLE)
FLAMMABLE LIQUID

CHEMICAL FAMILY
SOLVENT BLEND

FORMULA
SOLVENT BLEND

SECTION II - INGREDIENTS

TOLUENE:

CAS REGISTRY - 108-88-3

% V - 50-60

% W - 56.8*

EXPOSURE LIMITS IN AIR (PPM): TWA STEL 50 | ACGIH 100 | OSHA 150 | VENDOR 100

LISTED AS CARCINOGEN IN NTP IARC OR OSHA 1910: NO

METHANOL:

CAS REGISTRY 67-56-1

% V - 35-45

% W - 37.8*

LISTED AS CARCINOGEN IN NTP IARC OR OSHA 1910: NO

METHYL ALCOHOL:

EXPOSURE LIMITS IN AIR (PPM): TWA STEL 200 | ACGIH 200 | OSHA 250 | VENDOR 200

ETHYLENE GLYCOL:

CAS REGISTRY 111-76-2

% V - 1-10

% W - 5.4*

LISTED AS CARCINOGEN IN NTP IARC OR OSHA 1910: NO

MONOBUTYL ETHER:

EXPOSURE LIMITS IN AIR (PPM): TWA STEL 50 | ACGIH 100 | OSHA N/E | VENDOR 100

*TOXIC CHEMICAL OR CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III AND OF 40 CFR 372.

SECTION III - PHYSICAL DATA

BOILING RANGE 146-325 °F

VAPOR PRESSURE 51.202 @ 68°F C° XX mm Hg psi

VAPOR DENSITY (AIR=1) 1.85

SOLUBILITY IN WATER 45.0%

APPEARANCE AND ODOR WATER WHITE LIQUID

PHYSICAL STATE LIQUID

SPECIFIC GRAVITY (H20=1) 0.8378

PERCENT VOLATILE BY VOLUME 100.0%

PERCENT SOLID BY WEIGHT 0.0%

EVAPORATION RATE SLOWER THAN ETHER

Pb NONE

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT 36 X F C° T.C.C. METHOD USED LEL UEL
EXTINGUISHING MEDIA CO2, DRY CHEMICAL, FOAM OR OTHER NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)
APPROVED METHOD FOR TREATING A CLASS B FIRE.

SPECIAL FIRE FIGHTING PROCEDURES SUMMON PROFESSIONAL FIRE FIGHTERS. USE FULL PROTECTIVE EQUIPMENT INCLUDING SELF-CONTAINED BREATHING APPARATUS. WATER SPRAY MAY BE INEFFECTIVE. IF WATER IS USED, FOG NOZZLES ARE PREFERABLE. IF EXPOSED TO FIRE OR EXTREME HEAT, WATER SHOULD BE USED TO COOL CLOSED CONTAINERS AND PREVENT PRESSURE BUILD-UP OR POSSIBLE AUTO-IGNITION.

UNUSUAL FIRE AND EXPLOSION HAZARDS KEEP CONTAINERS TIGHTLY CLOSED. ISOLATED FROM HEAT, ELECTRICAL EQUIPMENT, SPARKS, AND FLAME. VAPORS MAY CAUSE FLASH FIRE. VAPORS MAY IGNITE EXPLOSIVELY. VAPORS MAY SPREAD LONG DISTANCES AND BEYOND CLOSED DOORS. DUE TO PRESSURE BUILD-UP, CLOSED CONTAINERS EXPOSED TO EXTREME HEAT MAY EXPLODE. NEVER USE A WELDING OR CUTTING TORCH ON OR NEAR CONTAINER (EVEN EMPTY) AS PRODUCT OR ITS RESIDUE MAY IGNITE. DURING EMERGENCY CONDITIONS OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD. SYMPTOMS MAY NOT BE IMMEDIATELY APPARENT. OBTAIN MEDICAL ATTENTION.

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE SEE SECTION II OTHER LIMIT SEE SECTION II
PERMISSIBLE EXPOSURE LIMIT SEE SECTION II

EFFECTS OF OVEREXPOSURE ACUTE - BREATHING - IRRITATION OF THE RESPIRATORY TRACT; HEADACHE, NAUSEA, DIZZINESS, WEAKNESS AND FATIGUE. EXTREME EXPOSURE CAN RESULT IN UNCONSCIOUSNESS AND EVEN RESPIRATORY ARREST. EYE CONTACT - SEVERE IRRITANT. SKIN CONTACT - PROLONGED AND REPEATED LIQUID CONTACT CAN CAUSE DEFATTING AND DRYING OF THE SKIN, WHICH MAY RESULT IN SKIN IRRITATION AND DERMATITIS. MAY BE ABSORBED BY THE SKIN. SWALLOWING - MAY BE FATAL OR CAUSE BLINDNESS IF SWALLOWED. CANNOT BE MADE NON-POISONOUS. CHRONIC - REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE.

PRIMARY ROUTES OF ENTRY - INHALATION, SKIN CONTACT, SWALLOWING.

EMERGENCY AND FIRST AID PROCEDURES: IF BREATHED - IF YOU EXPERIENCE DIFFICULTY IN BREATHING, LEAVE THE AREA TO OBTAIN FRESH AIR. IF CONTINUED DIFFICULTY IS EXPERIENCED, SUMMON MEDICAL ASSISTANCE IMMEDIATELY. IF IN EYES - FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ASSISTANCE. IF ON SKIN - WASH AFFECTED AREAS WITH SOAP AND WATER. REMOVE SOILED CLOTHING. GET MEDICAL ASSISTANCE IF IRRITATION PERSISTS. WASH CLOTHING BEFORE REUSE. IF SWALLOWED - INDUCE VOMITING. GIVE WARM WATER AND REPEAT UNTIL VOMIT FLUID IS CLEAR. CONTACT A PHYSICIAN IMMEDIATELY.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: NONE WHEN USED IN ACCORDANCE WITH SPECIAL PROTECTION. INFORMATION (SEE SECTION VIII).

WARNING - INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

SECTION VI - REACTIVITY DATA

STABILITY UNSTABLE CONDITIONS TO AVOID HEAT, SPARKS, FLAME
INCOMPATIBILITY (MATERIALS TO AVOID) STRONG OXIDIZING AGENTS

HAZARDOUS DECOMPOSITION PRODUCTS THERMAL DECOMPOSITION MAY YIELD CARBON MONOXIDE AND CARBON DIOXIDE

HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED.

REMOVE ALL SOURCES OR IGNITION (FLAMES, HOT SURFACES, AND ELECTRICAL, STATIC OR FRICTIONAL SPARKS). DO NOT SMOKE. PREVENT BREATHING VAPORS. VENTILATE AREA. BEFORE ATTEMPTING CLEAN-UP, REFER TO HAZARD CAUTION INFORMATION IN THE OTHER SECTIONS OF THIS MATERIAL SAFETY DATA FORM. DIKE AND CONTAIN SPILLED MATERIAL AND REMOVE WITH INERT ABSORBENT AND NON-SPARKING TOOLS. STORE IN CLOSED CONTAINER UNTIL PROPERLY DISPOSED OF.

WASTE DISPOSAL METHOD.

DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. INCINERATE ONLY IN APPROVED FACILITY. DO NOT INCINERATE CLOSED CONTAINERS.

CERCLA (SUPERFUND) REPORTABLE QUANTITY (IN LBS):

ONE POUND OR REFER TO SECTION 311 CLEAN WATER ACT.

RCRA HAZARDOUS WASTE NO. (40 CFR 261.33):

D-001, F-003, F-005

NOTE: NUMBERS APPLY TO SOLVENT BLEND ONLY.

VOLATILE ORGANIC COMPOUND (VOC) (AS PACKAGED, MINUS WATER):

100%

THEORETICAL = 6.925 LB/GAL

ANALYTICAL = 6.947 LB/GAL

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory protection:

WHEN USED IN RESTRICTED VENTILATION AREAS, WEAR NIOSH/MSHA APPROVED CHEMICAL/MECHANICAL FILTERS DESIGNED TO REMOVE A COMBINATION OF PARTICULATES AND VAPOR. WHEN USED IN CONFINED AREAS, WEAR NIOSH/MSHA APPROVED AIR SUPPLY RESPIRATORS OR HOODS. FOLLOW RESPIRATOR MANUFACTURER'S DIRECTIONS FOR RESPIRATOR USE. IF RESPIRATORS ARE USED, A PROGRAM SHOULD BE ESTABLISHED TO ASSURE COMPLIANCE WITH OSHA STANDARD 29 CFR 1910.134.

Ventilation:

USE ONLY WITH ADEQUATE VENTILATION. USE EITHER LOCAL EXHAUST OR MECHANICAL TO MEET TLV REQUIREMENTS. VENTILATION MUST BE SUFFICIENT TO LIMIT EMPLOYEE EXPOSURE AT, OR BELOW, APPLICABLE HEALTH AND SAFETY STANDARDS. HEAVY SOLVENT VAPORS SHOULD BE REMOVED FROM LOWER LEVELS OF WORK AREA.

Protective gloves:

NEOPRENE OR EQUIVALENT

Eye protection:

SOLVENT RESISTANT SAFETY EYEWEAR WITH SPLASH GUARDS.

Other protective equipment:

EYE BATH AND SAFETY SHOWER. SOLVENT IMPERMEABLE CLOTHING TO PREVENT SKIN CONTACT.

SECTION IX - SPECIAL PRECAUTIONS

Precautions to be taken in handling and storage:

KEEP AWAY FROM HEAT, SPARKS, AND FLAME. DO NOT SMOKE. EXTINGUISH ALL PILOT LIGHTS AND TURN OFF ALL SOURCES OR IGNITION INCLUDING HEATERS, FANS, AND OTHER NON-EXPLOSION PROOF ELECTRICAL EQUIPMENT, DURING USE AND UNTIL ALL VAPORS ARE GONE. VAPORS MAY IGNITE EXPLOSIVELY. VAPORS MAY SPREAD LONG DISTANCES BEYOND CLOSED DOORS. PREVENT BUILD-UP OF VAPORS BY MAINTAINING CONTINUOUS FLOW OF FRESH AIR. DO NOT STORE ABOVE 120 F OR NEAR FIRE OR OPEN FLAME. STORE LARGE QUANTITIES IN BUILDINGS TO COMPLY WITH OSHA 1910.106. KEEP CONTAINER CLOSED WHEN NOT IN USE. DO NOT TRANSFER CONTENTS TO BOTTLES OR OTHER UNLABELED CONTAINERS. DO NOT REUSE EMPTY CONTAINERS. KEEP OUT OF REACH OF CHILDREN.

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA BELIEVED BY PUMPELLY OIL, INC. TO BE ACCURATE, BUT WE DO NOT ASSUME ANY LIABILITY FOR THE ACCURACY OF THIS INFORMATION. WE NEITHER SUGGEST NOR GUARANTEE THAT ANY HAZARDS MENTIONED ARE THE ONLY ONES WHICH EXIST. ANYONE INTENDING TO RELY ON ANY RECOMMENDATION OR TO USE ANY EQUIPMENT, TECHNIQUE OR MATERIAL MENTIONED SHOULD ALSO SATISFY HIMSELF THAT HE CAN MEET ALL APPLICABLE SAFETY AND HEALTH STANDARDS. DETERMINATION OF THIS SUITABILITY OF ANY INFORMATION OR PRODUCT FOR THE USE CONTEMPLATED BY ANY USER, THE MANNER OF THAT USE AND WHETHER THERE IS ANY INFRINGEMENT OF PATENTS IS THE SOLE RESPONSIBILITY OF THE USER.

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