

SECTION I

PRODUCT CODE NUMBER _____ *TLV _____
 MANUFACTURER'S NAME: Westland Oil Company EMERGENCY INFORMATION (318) 633-1300
 MANUFACTURER'S ADDRESS: P. O. Box 8098, Shreveport, Louisiana 71148
 PRODUCT: Stihl 2-Cycle Engine Oil COMMON NAME: _____
 GENERIC NAME _____ CHEMICAL NAME Two cyle engine oil
 CHEMICAL FAMILY: Two cyle engine oil DDT PROPER SHIPPING NAME Petroleum Oil
 WARNING STATEMENTS DANGER: Harmful or Fatal if Swallowed. Combustible.

SECTION II - INGREDIENTS

COMPOSITION:

%

TLV

Petroleum distillate which is similar to Stoddard Solvent and is a mixture of straight and branched chain paraffins, naphthenes, (cycloparaffins) and alkyl aromatic hydrocarbons. The principal components are aliphatic hydrocarbons ranging from C-5 to C-16 with less than 20% by volume aromatic hydrocarbons. The boiling point range is 300-400 F.

5 - 10

OTHER COMPONENTS:

Mineral Oil

80 - 90

Additive Package

1 - 5

Additive manufacturers consider their additive package to be proprietary information.

* Threshold limit value set by (A) OSHA, (B) ACGIH, (C) See Section III, (D) Other, (NE) Not Established (Units are in PPM unless otherwise specified).

SECTION III - PHYSICAL DATA

APPROXIMATE BOILING RANGE: N/D VAPOR PRESSURE N/D
 VAPOR DENSITY: N/D SOLUBILITY IN WATER: N/D
 SPECIFIC GRAVITY: 0.8810 PERCENT VOLATILE by volume: N/D
 EVAPORATION RATE: N/D APPROXIMATE BULK DENSITY: _____

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT RANGE: 175+ (P.M.C.C.) Water Spray, Dry chemical, Foam, Carbon Dioxide. Water
 FIRE FIGHTING PROCEDURES: Use Water to cool fire-exposed containers. If a leak or spill has not ignited, use water spray to disperse the vapors and to provide protection for persons attempting to stop the leak. EXTINGUISHING MEDIA: or foam may cause frothing.
 UNUSUAL FIRE AND EXPLOSION HAZARDS None. DOT FLAMMABILITY CLASSIFICATION: N/A

SECTION V - EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: As with most foreign materials, should eye contact occur, flush eyes with plenty of water.
 SKIN CONTACT: Wash exposed areas with soap and water.
 INHALATION: Should symptoms noted under physiological effects occur, remove to fresh air. If not breathing, apply artificial respiration.
 INGESTION: Do not induce vomiting. Aspiration may cause chemical pneumonia.

SECTION VI - PHYSIOLOGICAL EFFECTS AND HEALTH INFORMATION

ACUTE EFFECTS: TLV for distillate portions = 100 ppm (Mineral Spirits). Air: 5mg/cubic meter of air for mineral oil mist average over an 8 hour daily exposure.

EFFECTS OF OVEREXPOSURE: Acute-Eyes: N.D. Believed to be minimally irritating. Skin: N.D. Believed to be minimally irritating. Respiratory System: Drowsiness and unconsciousness possible upon exposure to high concentrations in poorly ventilated confined spaces.

CHRONIC EFFECTS: N.D. MEDIAN LETHAL DOSE (LD50LC50) (Species). Oral: N.D. Practically non-toxic. Inhalation: N.D. Dermal: N.D.; practically non-toxic. Other: N.D. Slightly irritating. Irritation Index. Estimation of Irritation (Species): Skin: N.D. Eyes: N.D.; no appreciable effect. Symptoms of Exposure: N.D., none expected except possible minimal irritation.

SECTION VII - REACTIVITY DATA

STABILITY (Conditions to Avoid): The Material Reacts Violently with : Strong Oxidizers.

INCOMPATIBILITY (Materials to Avoid):

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS POLYMERIZATION (Conditions to Avoid): Do not occur.

SECTION VIII - SPILL OR LEAK PROCEDURES

PROCEDURES IN CASE OF RELEASE OR SPILL: Contain spill if possible. Wipe up or absorb on suitable material and shovel up.

Under RCRA, it is the responsibility of the user of products to determine, at the time of disposal, whether product meets RCRA criteria for hazardous waste. This is because product uses, transformations, mixture, processes, etc., may render the resulting material hazardous. WASTE CLASSIFICATION: Product (as present constituted) has the RCRA characteristic of ignitability and if discarded in its purchased form would have the

SECTION IX - SPECIAL PROTECTION INFORMATION hazardous waste Number 1001.

RESPIRATORY PROTECTION: None required if exposures are within permissible concentrations.

VENTILATION: Normal.

Exposed employees should exercise reasonable personal cleanliness; this includes cleansing exposed skin areas several times daily with soap and water and laundering or dry cleaning soiled work clothing at least weekly.

EYE PROTECTION: Chemical type goggles or face shield optional.

OTHER PROTECTIVE EQUIPMENT:

SECTION X - STORAGE AND SPECIAL PRECAUTIONS

HANDLING AND STORING PRECAUTIONS: DANGER: Harmful or fatal if swallowed. Combustible. Keep away from heat and flame. Use only in well-ventilated locations. Avoid with skin. CONTAINS PETROLEUM DISTILLATES. KEEP OUT OF REACH OF CHILDREN.

OTHER PRECAUTIONS:

SECTION XI - DOCUMENTARY INFORMATION

PRODUCT CODE NUMBER:

ISSUE DATE:

REPLACES MSDS NUMBER:

PREVIOUS PRODUCT CODE NUMBER:

PREVIOUSLY ISSUED: September 10, 1985