TEXACO
MATERIAL SAFETY DATA SHEET

NOTE: Read and understand this Material Safety Data Sheet before handling or disposing of product.

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MATERIAL IDENTITY

Product Code and Name: 00837 WHITE OIL 22

Type: MACHINE OIL

Chemical Name and/or Family or Description:

Petroleum Oil

Manufacturer's Name and Address:

Texaco Lubricants Company
a division of Texaco Refining and Marketing Inc.
P.O. Box 4427, Houston, TX 77210-4427

Telephone Numbers:

TRANSPORTATION EMERGENCY Company: (814) 831-3300
CHEMTREC: (800) 424-9300
HEALTH EMERGENCY Company: (912) 835-3269
GENERAL INFO Company: (814) 835-7024
TECHNICAL INFORMATION Phone: (912) 835-7026, Lubricants/Anti-Freeze: (912) 835-7002

Chemicals: (612) 458-8803

2. COMPOSITION/INFORMATION ON INGREDIENTS

The criteria for listing components in the composition section is as follows:

Chronic Hazards (Carcinogenic, Teratogenic, Mutagenic, Neurotoxic and Sensitizers) are listed when present at 0.1% or greater. Acute hazards are listed when present at 1.0% or greater and non-hazardous components are listed when present at 0.01% or greater. This is NOT intended to be a complete compositional disclosure.

Product and/or Component(s) Carcinogenic according to:

OSHA IARC NTP OTHER NONE

Composition:

white mineral oil

CAS No.: 64742-48-9 Exposing Limit: Range: 0.00 - 100.00

Mineral oil mist has a permissible exposure level (PEL) of 0.1; therefore, this product by definition is considered hazardous by OSHA (1910.1200).

3. HAZARD IDENTIFICATION

EMERGENCY OVERVIEW

Appearance and Odor: Clear liquid

WARNING STATEMENT

DANGER!

AVOID BREATHING VAPOR OR MIST

ASPIRATION HAZARD IF SWALLOWED - CAN ENTER LUNGS AND CAUSE DAMAGE

NOT INTENDED AS DIRECT/INDIRECT FOOD ADDITIVE, OR FOR INGESTION OR SKIN CONTACT IN HUMANS OR ANIMALS

HMIS

Health: 0 Flammability: 1 Reactivity: 0 Health: 0 Flammability: 1 Reactivity: 0

N.F.P.A.

Special: - Special: -

POTENTIAL HEALTH EFFECTS

Primary Route of Exposure: EYE SKIN INHALATION INGESTION

N.D. = Not Determined N.A. = Not Applicable N.T. = Not Tested
< = Less Than > = Greater Than

Page: 1
3. HAZARD IDENTIFICATION (CONT)

Effects of Overexposure

Acute

Eyes:
May cause minimal irritation, experienced as temporary discomfort.

Skin:
No adverse effects expected from absorption of material through the skin.

Inhalation:
No adverse effects anticipated.

Ingestion:
No adverse effects anticipated.

Sensitization Properties:
Unknown.

Chronic:
No adverse effects anticipated.

Medical Conditions Aggravated by Exposure:

4. FIRST AID MEASURES

Eyes:
Flush eyes with plenty of water for several minutes. Get medical attention if eye irritation persists.

Skin:
Wash skin with plenty of soap and water for several minutes. Get medical attention if skin irritation develops or persists.

Ingestion:
If swallowed, get immediate medical attention. ONLY induce vomiting as directed by a doctor. Never give anything by mouth to an unconscious or convulsing person.

Inhalation:
If irritation, headache, nausea, or drowsiness occurs, remove to fresh air. Get medical attention if breathing becomes difficult or symptoms persist.
4. FIRST AID MEASURES (CONT)

Other Instructions:
NOTE TO PHYSICIAN: Aspiration of this product during induced emesis can result in lung injury. If evacuation of stomach contents is considered necessary, use methods least likely to cause aspiration such as gastric lavage after endotracheal intubation.

Remove and dry-clean or launder clothing soaked or soiled with this material before reuse. Dry cleaning of contaminated clothing may be more effective than normal laundering. Inform individuals responsible for cleaning of potential hazards associated with handling contaminated clothing.

8. FIRE-FIGHTING MEASURES

Ignition Temp. Degrees F.: N.D. Flash Point Degrees F. (Method): 315 F (20C)
Flammable Limits (% Lower: N.D. Upper: N.D.

Recommended Fire Extinguishing Agents And Special Procedures:
According to NFPA Guide, use water spray, dry chemical, foam, or carbon dioxide. Water or foam may cause foaming. 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.

Unusual or Explosive Hazards:
None

6. ACCIDENTAL RELEASE MEASURES (Transportation Spills Call: CHEMTREC (800) 424-9300)

Procedures In Case of Accidental Release, Breakage or Leakage:
Ventilate area. Avoid breathing vapors. Use self-contained breathing apparatus or supplied air for large spills or confined areas. Contain spill if possible. Wipe up or absorb on suitable material and shovel up. Prevent entry into sewers and waterways. Avoid contact with skin, eyes or clothing.

7. HANDLING AND STORAGE

Precautions to be Taken in Handling and Storage:
Minimum feasible handling temperatures should be maintained. Periods of exposure to high temperatures should be minimized. Water contamination should be avoided.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Protective Equipment (Type)

Eye/Face Protection:
Chemical-type goggles or face shield recommended to prevent eye contact.

Skin Protection:
Workers should wash exposed skin several times daily with soap and water. Soiled work clothing should be laundered or dry-cleaned at least once a week.
6. EXPOSURE CONTROLS/PERSONAL PROTECTION (CONT)

Respiratory Protection:
Airborne concentrations should be kept to lowest levels possible. If vapor, mist or dust is generated, use respirator approved by MSHA or NIOSH as appropriate. Supplied air respirator protection should be used for cleaning large spills or upon entry into tanks, vessels, or other confined spaces. See below for applicable permissible concentrations.

Ventilation:
Adequate to meet component occupational exposure limits (see Section 2).

Exposure Limit for Total Product:
8 mg/m³ for mineral oil mist averaged over an 8 hour daily exposure (ACGIH).

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Clear liquid
Boiling Point (Degrees F.): N.D.
Specific Gravity: 0.8998 (20°C/1)
% of undiluted product: N.A.
Vapor Pressure: N.D.
Viscosity: 10.3 cSt @ 40°C
Percent VOC: 100
Vapor Density: N.D.
Solubility in Water: N.D.

10. STABILITY AND REACTIVITY

This Material Reacts Violently With: (If others is checked below, see comments for details)
Air: -
Water: No
Heat: Yes
Strong Oxidizers: None
Others: None of These

Comments:
None

Products Evolved When Subjected to Heat or Combustion:
Toxic levels of carbon monoxide, carbon dioxide, irritating aldehydes and ketones.

Hazardous Polymerizations:
DO NOT OCCUR

11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION (ANIMAL TOXICITY DATA)
Median Lethal Dose (LD50 LC50) (Species)
Oral: believed to be >50 mg/kg (rat); practically non-toxic
Inhalation: N.D.
Dermal: believed to be >3 g/kg (rabbit); practically non-toxic
Irritation Index, Estimation of Irritation (Species)
Skin: believed to be <2.5 (rat); no appreciable effect
Eye: believed to be <15/110 (rabbit); no appreciable effect
Sensitization: N.D.
Other: None
12. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS
This product has been evaluated for RCRA characterization and does not meet the criteria of a hazardous waste if disposed in its purchased form. Under RCRA, it is the responsibility of the user of the product to determine at the time of disposal, whether the product meets RCRA criteria for hazardous waste. This is because product uses, transformations, mixtures, processes, etc., may render the resulting materials hazardous.

REMARKS
None

13. TRANSPORT INFORMATION

TRANSPORTATION
DOT: PROPER SHIPPING NAME: N.D.
IMDG: PROPER SHIPPING NAME: N.D.
IATA: PROPER SHIPPING NAME: N.D.
TDG: PROPER SHIPPING NAME: N.D.

14. REGULATORY INFORMATION

A. SARA TITLE III
Title III Section 302/304 Extremely Hazardous Substance:

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No.</th>
<th>Percent</th>
<th>PQ (lbs)</th>
<th>TPQ (lbs)</th>
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</thead>
<tbody>
<tr>
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CERCLA Section 102(a) Hazardous Substance

<table>
<thead>
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<th>Component</th>
<th>LET No.</th>
<th>Percent</th>
<th>PQ (lbs)</th>
</tr>
</thead>
<tbody>
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<td>None</td>
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Title III Section 311 Hazard Categorization
Acute Chronic Fire Pressure Reactive Not Applicable

Title III Section 312 Toxic Chemicals

<table>
<thead>
<tr>
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<th>CAS No.</th>
<th>Percent</th>
</tr>
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<tbody>
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B. WHMIS CLASSIFICATION
Not Regulated

C. MICHIGAN CRITICAL MATERIALS
No critical materials present.

15. OTHER INFORMATION
None

The information contained herein is believed to be accurate. It is provided independently of any sale of the product for purpose of hazard communication as part of Texaco's product safety program. It is not intended to constitute performance information concerning the product. No express warranty, or implied warranty of merchantability or fitness for a particular purpose is made with respect to the product or the information contained herein. Data sheets are available for all Texaco products. You are urged to obtain data sheets for all Texaco products you buy, process, use or distribute and you are encouraged and requested to advise those who may come in contact with such products of the information contained herein.

N.D. - Not Determined  N.A. - Not Applicable  N.T. - Not Tested
< - Less Than          > - Greater Than
15. OTHER INFORMATION (CONT)

To determine applicability or effect of any law or regulation with respect to the product, user should consult his legal advisor or the appropriate government agency. TEXACO does not undertake to furnish advice on such matters.

Date: 04-25-82
Date Printed: 04-25-82
Revised. Superseded. 08-11-82

Inquiries regarding MSDS should be directed to:
Texaco Inc.
Manager, Product Safety
P.O. Box 506
Beacon, N.Y. 12508

Please see next page for product label.
18. PRODUCT LABEL

READ AND UNDERSTAND MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR DISPOSING OF PRODUCT.

OST07 WHITE OIL 22

WARNING STATEMENT:

DANGER:
AVOID BREATHING VAPORS OR MIST.
ASPIRATION HAZARD IF SWALLOWED -- CAN ENTER LUNGS AND CAUSE DAMAGE.
NOT INTENDED AS DIRECT/INDIRECT FOOD ADDITIVE, OR FOR INGESTION OR SKIN CONTACT IN HUMANS OR ANIMALS.

PRECAUTIONARY MEASURES:

WORKERS SHOULD WASH EXPOSED SKIN SEVERAL TIMES DAILY WITH SOAP AND WATER.

FIRST AID:

INGESTION:
If swallowed, get immediate medical attention. ONLY induce vomiting or acted-on by a physician. NEVER give anything by mouth to an unconscious or convulsing person.

INHALATION:
If irritation, headache, nausea, or drowsiness occurs, move to fresh air.
Get medical attention if breathing becomes difficult or symptoms persist.

EYE CONTACT:
Flush eyes with plenty of water for several minutes. Get medical attention if eye irritation persists.

SKIN CONTACT:
Wash skin with plenty of soap and water for several minutes. Get medical attention if skin irritation develops or persists.

NOTE TO PHYSICIAN:
Aspiration of this product during induced emesis can result in lung injury. If evacuation of stomach contents is considered necessary, use method least likely to cause aspiration, such as gastric lavage after endotracheal intubation.

FIRE:
In case of fire, use foam, dry chemical, or CO2. Use water spray to keep containers cool.

Chemical/Commercial Name:
White Mineral Oil

CAS No.: 80426475
Range: 100.32

Mineral oil mist has a permissible exposure level (PEL) of 5.
Not classified as a hazardous material by DOT definition.

HMIS:
Health: 0 | Reactivity: 0 | Flammability: 1 Special:

CAUTION:

Misuse of empty containers can be hazardous. Empty containers can be hazardous if used to store toxic, flammable, or reactive materials. Cutting or welding of empty containers might cause fire, explosion or toxic fumes from residues. Do not pressurize or expose to open flame or heat. Keep container closed and drum bungs in place.

Manufacturer's Name: Texaco Lubricants Company
A Division of Texaco Refining and Marketing Inc.
P.O. Box 4427, Houston, TX 77210-4427

TRANSPORTATION EMERGENCY Company: (914) 831-3400
CHEMTRAC: 8001 334-3050

HEALTH EMERGENCY Company: (814) 831-3400