

## MATERIAL SAFETY DATA SHEET

### Section 1: Chemical Product and Company Identification

REVISED 08/14/08

Vitalife® 400

Wire Rope Lubricant

Product Code: 50007

**Manufacturer:**

American Oil & Supply International LL  
4445 N A1A, Suite 247  
Vero Beach, FL 32963

**Emergency Telephone Numbers**

1-732-389-5514 M-F 9am—5PM  
1-732-539-7717 After Hours

**Supplier:**

Crosby Group Inc.  
PO Box 3128  
Tulsa, OK 74101

**Information: 918/834-4611**

**24 Hr Emergency Telephone:**  
Domestic: 1-800-451-8346  
Intl: 00-1-703-527-3887

### Section 2: Composition, Information on Ingredients

CAS Registry #

Hydrotreated Heavy Naphthenic Distillate  
00840600 # 5005P  
00840600 # 5006P

64742-52-5  
(Trade Secret)  
(Trade Secret)

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)

Based on the data available to American Oil & Supply Co., this product is not considered a hazard under OSHA Hazard Communication Standard 29 CFR1910.1200.

Exposure limit for oil mist in air: **TWA**

• Chemical Family: Petroleum Hydrocarbon	ACGIH, TLV(ppm)	5
• Hazardous Ingredients: None Known	OSHA,PELS (ppm)	5
	NIOSH, TWA (ppm)	5

### Section 3: Hazards Identification

Overview

Dark amber, turbid liquid with slight odor. Can burn in a fire

**Potential Health Effects:**

**Inhalation:** Will not produce vapors unless heated to temperatures of 300 F.

**Eye Contact:** Irritating, but will not permanently injure eye tissue.

**Skin Contact:** Prolonged or repeated contact may cause skin irritation.

**Ingestion:** Small amounts (Tablespoonful) swallowed are not likely to cause injury. Larger amounts may cause nausea and Vomiting. Consult a physician promptly.

**Chronic (Cancer) Information:** IARC Monographs state that when laboratory animals are exposed to severely hydrotreated oil, such as these products, there is insufficient evidence for cancer. Thus, these oils are Unlabeled in accordance with 29 CFR 1910.1200.

### Section 4: First Aid Measures

- **Eye Contact:** Flush eyes with plenty of water for several minutes. Get medical attention if irritation persists.
- **Skin:** Wash skin with plenty of soap and water for several minutes. Get medical attention if irritation persists
- **Ingestion:** If more than several mouthfuls have been swallowed, give two glasses of water (16oz). Get medical attention.
- **Inhalation:** If irritation, headache, nausea, or drowsiness occurs, remove to fresh air. Get medical attention if breathing becomes difficult or symptoms persist.

### Section 5: Fire Fighting Measures

Flashpoint & Method: 330° F/166°C (COC), 295°F/146°C (CC)

Flammable Limits: LFL & UFL are not available

Autoignition Temperature: Not Available

NFPA	
Fire	1
Health	1
Reactivity	0
Spec. Haz.	No

HMIS	
Health	1
Flammability	1
Reactivity	0
PPI	B

According to NFPA Guide, use water spray, dry chemical, foam, or carbon dioxide. Water or foam may cause frothing. 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.

### Section 6: Accidental Release Measures

- Notify the appropriate authorities immediately. Contain spill, if possible. Avoid breathing vapor. Use self-contained breathing apparatus or supplied air for large spills or in confined areas. Wipe up or use suitable absorbent material and shovel into appropriate container for disposal. Prevent entry into sewers of waterways. Avoid contact with skin, eyes or clothing.

### Section 7: Handling and Storage

- Minimum feasible handling temperatures should be maintained. Periods of exposure to high temperature should be minimized. Water contamination should be avoided.

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Wire Rope Lubricant

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## Section 8: Exposure Controls, Personal Protection

### Protective Equipment:

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

**Skin Protection:** Workers should wash exposed skin several times daily with soap and water. Soiled clothing should be laundered or dry cleaned at least weekly.

**Respiratory Protection:** Airborne concentrations should be kept to lowest levels. If vapor is generated, use respirator approved by OSHA or NIOSH as appropriate. Supplied air respiratory protection should be used for cleaning large spills or upon entry into tanks, vessels, or other confined spaces.

**Ventilation:** Must be adequate to meet exposure limits below.

**Exposure Limit:** (Total Product) 5 mg/m3 for mineral oil mist over an 8 hour daily exposure (ACGIH)

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## Section 9: Physical and Chemical Properties

Flashpoint & Method:	330°F/166°C (COC), 295°F/146°C (CC)	Vapor Density:	>8.0 (Air=1)
Vapor Pressure torr @ 24 C:	<7 x 10 <sup>-3</sup>	Evaporation Rate:	<0.001 (butyl acetate=1)
Specific Gravity:	0.910 (H <sub>2</sub> O=1)	Freezing Point:	Not applicable
Solubility in Water:	Insoluble	Odor:	Slight
pH:	Not relevant	Appearance:	Dark amber, turbid liquid
Boiling Point:	>400°F/>148°C	Weight Per Pound	7.696
Viscosity:	275/300 SUS at 100°F		

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## Section 10: Stability and Reactivity

**General:** Vitalife 400 is stable; hazardous polymerization will not occur.

**Materials & Conditions to Avoid:** Strong oxidants; acid or alkali. Will react with strong oxidizers

**Hazardous Decomposition Products:** Carbon Monoxide in case of incomplete combustion.

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## Section 11: Toxicological Information

(Animal Toxicity Data)

Median Lethal Dose (LD50 LC50)

Oral

Inhalation

Dermal

Irritation Index:

Skin:

Eyes:

Sensitization

Other:

(Species)

Believed to be >5g/kg (rat): Practically non-toxic

Not Determined

Believed to be >3g/kg (rat) Practically non-toxic

Estimation of Irritation (Species)

Believed to be <0.5/8.0 (rabbit); no appreciable effect

Believed to be <15/110 (rabbit); no appreciable effects

Not Applicable

None

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## Section 12: Ecological Information

No data is available on the adverse effects of this material on the environment. A film or sheen will cause discoloration of the water surface or adjoining shoreline.

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## Section 13: Disposal Information

This product has been evaluated for RCRA characteristics and does not meet the criteria of a hazardous waste if discarded 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 product is subject in service to chemical alteration, which may render the resulting material hazardous. Purchaser must follow all local, state and federal laws and should check with local governmental office for disposal information.

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## Section 14: Transport Information

DOT, ICAO/IATA and IMO – Not Regulated

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## Section 15: Regulatory Information

**TSCA:** All components of this material are listed in the U.S. TSCA Inventory.

**OSHA:** IARC Monographs state that when laboratory animals are exposed to severely hydrotreated oils such as these products, there is insufficient evidence for cancer. Thus, these oils are unlabeled in accordance with 29 CFR 1910.1200

**SARA Title III:** Section 302/304 Extremely Hazardous Substance (**NONE**) Section 313 Toxic Chemicals (**NONE**)

**CERCLA:** Section 102 (a) Hazardous Substance (**No Reportable Quantity (RQ) Substances**)

**CALIFORNIA PROPOSITION # 65** (**(NOT LISTED)**)

**Canadian Domestic Substances List:** (**(All components are listed)**)

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- The information herein is presented in good faith and believed to be accurate as of the revision date shown above. However, no warranty, expressed or implied, is given. It is the buyer's responsibility to ensure that its activities comply with federal, state or provincial, and local laws.