



# MATERIAL SAFETY DATA SHEET

## SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

<b>Company Name</b> Nu-Calgon Wholesaler, Inc.	<b>Phone Number</b> (314) 469-7000 / (800) 554-5499	<b>CHEMTREC</b> (800) 424-9300		
<b>Street Address</b> 2008 Altom Court	<b>City</b> St. Louis	<b>State</b> MO	<b>Postal Code</b> 63146-4151	<b>Last Update</b> 11/8/06
<b>Product Name</b> Vacuum Pump Oil	<b>Product Number</b> 4383	<b>Product Use</b> Lubricating vacuum pumps.		<b>EPA Registration #</b> N/A

## SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

<b>Hazardous Ingredients</b>	<b>% By Wt.</b>	<b>CAS Number</b>	<b>TLV</b>	<b>PEL</b>
Blended Hydrocarbon Petroleum	100%	64742-65-0	N/A	N/A

## SECTION 3 – HAZARD IDENTIFICATION

<b>Emergency Overview:</b> No Data.
<b>Potential Health Effects</b>
<b>Eyes:</b> Not expected to cause prolonged or significant eye irritation.
<b>Skin:</b> Contact with the skin is not expected to cause prolonged or significant irritation. Not expected to be harmful to internal organs if absorbed through the skin. High-Pressure Equipment Information: Accidental high-velocity injection under the skin of materials of this type may result in serious injury. Seek medical attention at once.
<b>Ingestion:</b> No Data.
<b>Inhalation:</b> No Data.
<b>Chronic Exposure:</b> No Data.
<b>Carcinogenicity:</b> No Data.
<b>Medical Conditions Aggravated by Exposure:</b> No Data.

## SECTION 4 – FIRST AID MEASURES

<b>Eyes:</b> In case of eye contact, flush with plenty of water for at least 15 minutes. If irritation develops, call a physician.
<b>Skin:</b> No Data.
<b>Ingestion:</b> No Data.
<b>Inhalation:</b> N/A. Good First Aid should be followed in all cases of exposure.

## SECTION 5 – FIREFIGHTING MEASURES

<b>Flash Point:</b> >200 °F
<b>Autoignition Temp:</b> No Data. °C/No Data. °F
<b>Hazardous Products of Combustion:</b> No Data.
<b>Flammable Limits in Air:</b> No Data.
<b>Extinguishing Media:</b> Water spray, foam, dry chemical, CO
<b>Fire and Explosion Hazards:</b> None
<b>Special Firefighting Procedures:</b> Exercise caution when fighting and chemical fire. Respiratory protection is essential.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

**Spill or Leak:** Spill Management: Dispose of in accordance with federal, state and local regulations. Dike area, contain as much spilled material as possible. Remove any remaining material by absorbing on vermiculite or other suitable material and place in sealed metal container for disposal.  
**Waste Disposal Methods:** Mix with flammable solvent and incinerate in accordance with local, state and federal regulations.

## SECTION 7 – HANDLING AND STORAGE

**Handling Procedures and Equipment:** Precautionary Measures: DO NOT USE IN HIGH PRESSURE SYSTEMS in the vicinity of flames, sparks and hot surfaces. Use only in well ventilated areas. Keep container closed. General Handling information: Avoid contaminating soil or releasing this material into sewage and drainage systems and bodies of water. Static Hazard: Electrostatic charge may accumulate and create a hazardous condition when handling this material. To minimize this hazard, bonding and grounding may be necessary but may not, by themselves, be sufficient. Review all operations which have the potential of generating and accumulating an electrostatic charge.

**Storage Requirements:** Container Warnings: Container is not designed to contain pressure. Do not use pressure to empty container or it may rupture with explosive force. Empty containers retain product residue (solid, liquid, and/or vapor) and can be dangerous.

## SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

**Respiratory Protection:** Not required

**Eye Protection:** Not required. In case of eye contact, flush with plenty of water for at least 15 minutes. If irritation develops, call a physician.

**Protective Clothing:** Not required

**Exposure Guidelines:** Not required

**Specific Engineering Controls (such as ventilation, enclosed process):** Local exhaust is recommended.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical Form:</b> liquid	<b>Freezing Point:</b> No Data.°C/No Data.°F	<b>% Volatile by Weight:</b> No Data.%
<b>Color:</b> clear light amber	<b>Vapor Density [air =1]:</b> No Data.	<b>Evaporation Rate:</b> No Data.
<b>Odor:</b> Mild Petroleum odor	<b>Vapor Pressure:</b> mm Hg: <0.0001	<b>Specific Gravity:</b> H20=1 @25°C: 0.87
<b>Boiling Point:</b> No Data.°C/>212°F	<b>Solubility in Water:</b> Miscible	<b>pH (concentrate):</b> No Data.

## SECTION 10 – STABILITY AND REACTIVITY

**Chemical Stability:** No Data.

**Hazardous Polymerization:** None known.

**Incompatibilities:** Strong Oxidizers

**Reactive Conditions to avoid:** None known

**Decomposition Products:** Exposure to high temperatures can produce carbon monoxide.

## SECTION 11 – TOXICOLOGICAL INFORMATION

<b>Hazardous Ingredients</b>	<b>CAS #</b>	<b>EINECS #</b>	<b>LD 50 of Ingredient (Specify Species)</b>	<b>LC50 of Ingredient (Specify Species)</b>
No Data.	No Data.	No Data.	No Data.	No Data.

## SECTION 12 – ECOLOGICAL INFORMATION

<b>Hazardous Ingredients</b>	<b>Aquatic Toxicity Data</b>
	ECOTOXICITY: The toxicity of this material to aquatic organisms has not been evaluated. Consequently, this material should be kept out of sewage and drainage systems and all bodies of water.
	ENVIRONMENTAL FATE: This material is not expected to be readily biodegradable.

## SECTION 13 – DISPOSAL CONSIDERATIONS

**Waste Disposal:** Oil collection services are available for used oil recycling or disposal. Place contaminated materials in containers and dispose of in a manner consistent with applicable regulations. Contact your sales representative or local environmental or health authorities for approved disposal or recycling methods.

## SECTION 14 – TRANSPORTATION INFORMATION

**Special Shipping Information:** The description shown may not apply to all shipping situations. Consult 49CFR, or appropriate Dangerous Goods Regulations, for additional description requirements (e.g., technical name) and mode-specific or quantity-specific shipping requirements.

<u>Purview</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
<b>DOT</b> (Land)	NOT REGULATED AS A HAZARDOUS MATERIAL FOR TRANSPORTATION UNDER 49CFR	No Data.	No Data.	No Data.
<b>IMO</b> (Water)	NOT REGULATED AS DANGEROUS GOODS FOR TRANSPORTATION UNDER THE IMDG CODE	No Data.	No Data.	No Data.
<b>ICAO</b> (Air)	No Data.	No Data.	No Data.	No Data.

## SECTION 15 – REGULATORY INFORMATION

<b>WHMIS Classification:</b> (Workplace Hazardous Material Information System)	Not regulated by WHMIS.
<b>SARA Title III:</b> (Superfund Amendments & Reauthorization Act)	EPCRA 311/312 categories 1-5: NO
<b>OSHA:</b> (Occupational Safety & Health Administration)	No Data.
<b>TSCA:</b> (Toxic Substance Control Act)	No Data.
<b>VOC:</b> (volatile Organic Compounds)	No Data.
<b>CPR:</b> (Canadian Controlled Products Regulations)	This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations.
<b>EINECS:</b> (European Inventory of Existing Commercial Chemical Substances)	No Data.
<b>DSL / NDSL:</b> (Canadian Domestic Substance List)(Non-Domestic Substance List)	No Data.
<b>CERCLA:</b> (Comprehensive Response Compensation & Liability Act)	No Data.
<b>IDL:</b> (Canadian Ingredient Disclosure List)	No Data.
<b>NFPA (HMIS) Rating:</b> (Hazardous Materials Identification System)	Health Hazard.....: 1 Fire Hazard.....: 1 Reactivity.....: 0 Personal Protection: X (Sec 9)

## SECTION 16 – OTHER INFORMATION

Precautions to be taken in Handling and Storing: Wash thoroughly after handling. Keep container closed. Exercise caution in the storage and handling of all chemical substances. Additional Information: Read and observe all label precautions.

AUSTRALIA: All the components of this material are listed on the Australian Inventory of Chemical Substances (AICS).

CANADA: All the components of this material are on the Canadian DSL or have been notified under the New Substance Notification Regulations, but have not yet been published in the Canada Gazette.

EUROPEN UNION: All the components of this material are in compliance with the EU Seventh Amendment Directive 92/32/EEC.

JAPAN: All the components of this product are on the Existing & new Chemical Substances (ENCS) inventory in Japan, or have an exemption from listing.

KOREA: All the components of this product are on the Existing Chemicals List (ECL) in Korea.

PHILIPPINES: All the components of this product are listed on the Philippine Inventory of Chemicals and Chemical Substances (PICCS).

UNITED STATES: All of the components of this material are on the Toxic Substances Control Act (TSCA) Chemical Inventory.

The information contained herein is based on the data available to us and is believed to be correct. However, Nu-Calgon Wholesaler Inc. makes no warranty, expressed, or implied, regarding the accuracy of this data or the results to be obtained from the use thereof. Nu-Calgon Wholesaler Inc. assumes no liability for injury from the use of the product described herein.