

Phil

# Material Safety Data Sheet

01 August 2010

## Identification

**Product Name:** *Phil* Tenacious Oil  
**Chemical Name:** Petroleum Hydrocarbon

**Ingredients:** Petroleum Hydrocarbon

## Physical Data:

<b>Description</b> Green Oil	<b>Appearance &amp; Odor</b> Green; Very Little Odor	<b>Solubility in Water</b> Not Soluble
<b>Boiling Point</b> 288° C	<b>Vapor Density (Air = 1) At Ambient Temp.</b> < 0.1	<b>Vapor Pressure (mm Hg.)</b> < 1.0 @ 20° C
<b>Melting Point</b> Not Applicable	<b>Specific Gravity</b> 0.89 to 0.99	<b>Evaporation Rate (Butyl Acetate = 1)</b> < 0.01

## Fire and Explosion Hazard Data

**Flash Point:**  
Cleveland Open Cup > 149° C

**Fire Fighting Media:**  
Dry chemical, water spray CO<sub>2</sub>, and foam.

**Special Fire Fighting Procedures:**  
Avoid use of water, fire fighters should wear self-contained breathing apparatus.

**Fire and Explosion Hazards:**  
Dense smoke.

**Flammable Limits; LEL; UEL:**  
NDA

## Reactivity

**Stability:**  
Stable under normal temperature and pressure.

**Incompatibilities:**  
Strong oxidizers such as hydrogen peroxide, bromide, or chromic acid.

**Decomposition:**  
Carbon monoxide & carbon dioxide from burning. Oxides of nitrogen, oxides of sulfur.

## Health Hazard Data

**Health Hazards:**  
Prolonged skin contact may cause irritation.

**Emergency & First Aid Procedures:**  
**Eyes:** Flush with water and call a physician.  
**Skin:** Wash with soap & water.  
**Inhalation:** Remove to fresh air. If swallowed, contact physician immediately.

**California Prop 65:**  
No California Proposition 65 chemicals are known to be present at or above the No Significant Risk level.

## Precautions for Safe Handling and Use

In case of spill or leak, absorb on an inert material such as earth, sand or vermiculite.

If spilled into water, remove bulk of the oil by skimming.

Dispose of in accordance with all applicable federal, state and local regulations.

Avoid prolonged or repeated contact with skin or breathing of vapors, mists or fumes.

Laundry contaminated clothing before reuse.

Keep containers tightly closed.

Avoid strong oxidizers.

Eliminate all sources of ignition such as flames or sparks.

If used in applications where a mist may be generated, observe a TWA/PEL of 5mg/m<sup>3</sup> for mineral oil mist (OSHA & NIOSH).

## Control Measures

**Respiratory Protection:**  
If vapor concentration exceeds PEL, use a respirator with an organic vapor cartridge.

**Ventilation:**  
Use local exhaust if necessary to maintain allowable PEL.

**Protective Gloves:**  
Use oil resistant types.

**Eye Protection:**  
Use chemical safety glasses.

**Other Protective Clothing or Equipment:**  
None.

**Work/Hygenic Practices:**  
Observe good industrial hygiene and safety precautions when handling this product.