

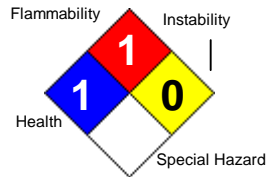


# MATERIAL SAFETY DATA SHEET

## Power Steering Fluid

CYCLO INDUSTRIES, INC.  
401 MAPLEWOOD DRIVE  
SUITE 18  
JUPITER, FL 33458

<b>HEALTH</b>		<b>2</b>
<b>FLAMMABILITY</b>		<b>1</b>
<b>REACTIVITY</b>		<b>0</b>
<b>PPE</b>		



Revision: 09/20/2010

Date Created: 09/20/2010

### 1. Product and Company Identification

<b>Product Code:</b>	C-27,C-28,C-29	
<b>Product Name:</b>	Power Steering Fluid	
<b>Manufacturer Information</b>		
<b>Company Name:</b>	CYCLO INDUSTRIES, INC.	
<b>Phone Number:</b>	(800)843-7813	
<b>Fax Number:</b>	(561)745-3867	
<b>Emergency Contact:</b>	First Aid Emergency	(800)222-1222
<b>Alternate Emergency Contact:</b>	Chemtrec (703) 527-3887	(800)424-9300
<b>Information:</b>	First Aid Emergency (Outside U.S.)	(312)906-6194
<b>Web site address:</b>	www.cyclo.com	
<b>Email address:</b>	ehs@cyclo.com	

### 2. Hazards Identification

#### Emergency Overview

May irritate the skin. This material is an eye irritant. Caution: Combustible.

#### Potential Health Effects (Acute and Chronic)

No data available.

#### Signs and Symptoms Of Exposure

No data available.

#### Medical Conditions Generally Aggravated By Exposure

No data available.

### 3. Composition/Information on Ingredients

Hazardous Components (Chemical Name)	CAS #	Concentration
1. Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	80.0 -99.0 %
2. Distillates (petroleum), Hydrotreated heavy paraffinic	64742-54-7	20.0 -39.0 %
3. Propanol, 1(or 2)-(2-methoxymethylethoxy)-, acetate	88917-22-0	0.0 -5.0 %
4. Diethylene glycol monobutyl ether	112-34-5	0.0 -5.0 %

### 4. First Aid Measures

#### Emergency and First Aid Procedures

If swallowed, do not induce vomiting. This material is practically non-toxic if ingested in small amounts (tablespoonful). Swallowing amounts larger may cause injury. If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. In case of eye contact, immediately flush eyes with plenty of water for at least 15 minutes occasionally lifting the upper and lower lids. In case of skin contact, wash with soap and water. Remove contaminated clothing and shoes and launder before reuse. If product is injected into or under the skin, or into any part of the body, the individual should be evaluated immediately by a physician as a surgical emergency. Call physician immediately if adverse reaction occurs.



## 5. Fire Fighting Measures

**Flash Pt:** > 200.00 F (93.3 C) Method Used: TAG Closed Cup  
**Explosive Limits:** LEL: No data. UEL: No data.  
**Autoignition Pt:** No data available.

### Fire Fighting Instructions

Wear approved positive-pressure self-contained breathing apparatus and protective clothing. Do not direct a solid stream of water or foam into hot, burning pools; this may cause frothing and increase fire intensity.

### Flammable Properties and Hazards

No data available.

### Hazardous Combustion Products

Fumes and smoke. Carbon monoxide. Aldehydes.

### Suitable Extinguishing Media

Foam, water, dry chemical.

### Unsuitable Extinguishing Media

No data available.

## 6. Accidental Release Measures

### Steps To Be Taken In Case Material Is Released Or Spilled

Wear appropriate protective clothing and equipment to prevent skin and eye contact. Contain any liquid from leaking containers. Remove sources of ignition. Increase area ventilation. Absorb spills on inert material such as perlite, vermiculite, sand or dirt. Place in double polyethylene bags. Isolate from other waste materials. Do not allow to enter sanitary drains, sewer or surface and subsurface waters.

## 7. Handling and Storage

### Precautions To Be Taken in Handling

Avoid contact with skin and eyes. Wash hands and other exposed area. Caution: Combustible. Keep away from heat and open flame. Keep away from food and smoking materials. Wash hands before eating and smoking. Keep out of the reach of children.

### Precautions To Be Taken in Storing

Keep container closed when not in use.

## 8. Exposure Controls/Personal Protection

Hazardous Components (Chemical Name)	CAS #	OSHA PEL	ACGIH TLV	Other Limits
1. Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	No data.	No data.	No data.
2. Distillates (petroleum), Hydrotreated heavy paraffinic	64742-54-7	No data.	No data.	No data.
3. Propanol, 1(or 2)-(2-methoxymethylethoxy)-, acetate	88917-22-0	No data.	No data.	No data.
4. Diethylene glycol monobutyl ether	112-34-5	No data.	No data.	No data.

### Respiratory Equipment (Specify Type)

Use in a well ventilated area. Use approved NIOSH respiratory protection if TLV exceeded or overexposure is likely.

### Eye Protection

Wear safety glasses or goggles to protect against exposure.

### Protective Gloves

Use chemical resistant gloves for prolonged skin contact.

### Other Protective Clothing

No data available.



**Engineering Controls (Ventilation etc.)**

Showers. Eyewash stations. Use local exhaust.

**Work/Hygienic/Maintenance Practices**

No data available.

**9. Physical and Chemical Properties**

**Physical States:** [ ] Gas [ X ] Liquid [ ] Solid  
**Melting Point:** No data.  
**Boiling Point:** > 400.00 F (204.4 C)  
**Autoignition Pt:** No data.  
**Flash Pt:** > 200.00 F (93.3 C) Method Used: TAG Closed Cup  
**Specific Gravity (Water = 1):** ~ .9  
**Vapor Pressure (vs. Air or mm Hg):** No data.  
**Vapor Density (vs. Air = 1):** No data.  
**Evaporation Rate (vs Butyl Acetate=1):** No data.  
**Solubility in Water:** < 4%  
**Percent Volatile:** No data.

**Appearance and Odor**

Colorless to light yellow liquid with mild petroleum odor.

**10. Stability and Reactivity**

**Stability:** Unstable [ ] Stable [ X ]

**Conditions To Avoid - Instability**

Keep away from heat, sparks and flame.

**Incompatibility - Materials To Avoid**

Strong oxidizing agents. Strong acids. Concentrated oxygen. Sodium Hydrochlorite and Calcium Hydrochlorite as this presents a serious explosion hazard.

**Hazardous Decomposition Or Byproducts**

Carbon monoxide and other asphyxiants.

**Possibility of Hazardous Reactions:** Will occur [ ] Will not occur [ X ]

**Conditions To Avoid - Hazardous Reactions**

No data available.

**11. Toxicological Information**

No data available.

**Chronic Toxicological Effects**

No data available.

Hazardous Components (Chemical Name)	CAS #	NTP	IARC	ACGIH	OSHA
1. Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	n.a.	n.a.	n.a.	n.a.
2. Distillates (petroleum), Hydrotreated heavy paraffinic	64742-54-7	n.a.	n.a.	n.a.	n.a.
3. Propanol, 1(or 2)-(2-methoxymethylethoxy)-, acetate	88917-22-0	n.a.	n.a.	n.a.	n.a.
4. Diethylene glycol monobutyl ether	112-34-5	n.a.	n.a.	n.a.	n.a.



**12. Ecological Information**

No data available.

**13. Disposal Considerations**

**Waste Disposal Method**

Disposal should be made in accordance with federal, state and local regulations.

**14. Transport Information**

**LAND TRANSPORT (US DOT)**

**DOT Proper Shipping Name** Not-Restricted

**MARINE TRANSPORT (IMDG/IMO)**

**IMDG/IMO Shipping Name** Not-Restricted

**Additional Transport Information**

No data available.

**15. Regulatory Information**

**US EPA SARA Title III**

Hazardous Components (Chemical Name)	CAS #	Sec.302 (EHS)	Sec.304 RQ	Sec.313 (TRI)	Sec.110
1. Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	No	No	No	No
2. Distillates (petroleum), Hydrotreated heavy paraffinic	64742-54-7	No	No	No	No
3. Propanol, 1(or 2)-(2-methoxymethylethoxy)-, acetate	88917-22-0	No	No	No	No
4. Diethylene glycol monobutyl ether	112-34-5	No	No	Yes-Cat. N230	No

**Other US EPA or State Lists**

Hazardous Components (Chemical Name)	CAS #	CAA HAP,ODC	CWA NPDES	TSCA	CA PROP.65
1. Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	No	No	Inventory	No
2. Distillates (petroleum), Hydrotreated heavy paraffinic	64742-54-7	No	No	Inventory	No
3. Propanol, 1(or 2)-(2-methoxymethylethoxy)-, acetate	88917-22-0	No	No	Inventory, 8A PAIR, 8D TERM	No
4. Diethylene glycol monobutyl ether	112-34-5	No	No	Inventory	No
Hazardous Components (Chemical Name)	CAS #	CA TAC, Title 8	MA Oil/HazMat	MI CMR, Part 5	NC TAP
1. Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	No	No	No	No
2. Distillates (petroleum), Hydrotreated heavy paraffinic	64742-54-7	No	No	No	No
3. Propanol, 1(or 2)-(2-methoxymethylethoxy)-, acetate	88917-22-0	No	No	No	No
4. Diethylene glycol monobutyl ether	112-34-5	No	No	No	No
Hazardous Components (Chemical Name)	CAS #	NJ EHS	NY Part 597	PA HSL	SC TAP
1. Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	No	No	No	No
2. Distillates (petroleum), Hydrotreated heavy paraffinic	64742-54-7	No	No	No	No
3. Propanol, 1(or 2)-(2-methoxymethylethoxy)-, acetate	88917-22-0	No	No	No	No
4. Diethylene glycol monobutyl ether	112-34-5	No	No	No	No
Hazardous Components (Chemical Name)	CAS #	WI Air			
1. Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	No			



# MATERIAL SAFETY DATA SHEET

## Power Steering Fluid

Hazardous Components (Chemical Name)	CAS #	WI Air
2. Distillates (petroleum), Hydrotreated heavy paraffinic	64742-54-7	No
3. Propanol, 1(or 2)-(2-methoxymethylethoxy)-, acetate	88917-22-0	No
4. Diethylene glycol monobutyl ether	112-34-5	No

### International Regulatory Lists

Hazardous Components (Chemical Name)	CAS #	Canadian DSL	Canadian NDSL	Taiwan TCSCA
1. Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	Yes	No	No
2. Distillates (petroleum), Hydrotreated heavy paraffinic	64742-54-7	Yes	No	No
3. Propanol, 1(or 2)-(2-methoxymethylethoxy)-, acetate	88917-22-0	Yes	No	No
4. Diethylene glycol monobutyl ether	112-34-5	Yes	No	No

### SARA (Superfund Amendments and Reauthorization Act of 1986) Lists:

<b>Sec.302:</b>	EPA SARA Title III Section 302 Extremely Hazardous Chemical with TPQ. * indicates 10000 LB TPQ if not volatile.
<b>Sec.304:</b>	EPA SARA Title III Section 304: CERCLA Reportable + Sec.302 with Reportable Quantity. ** indicates statutory RQ.
<b>Sec.313:</b>	EPA SARA Title III Section 313 Toxic Release Inventory. Note: -Cat indicates a member of a chemical category.
<b>Sec.110:</b>	EPA SARA 110 Superfund Site Priority Contaminant List

### TSCA (Toxic Substances Control Act) Lists:

<b>Inventory:</b>	Chemical Listed in the TSCA Inventory.
<b>5A(2):</b>	Chemical Subject to Significant New Rules (SNURS)
<b>6A:</b>	Commercial Chemical Control Rules
<b>8A:</b>	Toxic Substances Subject To Information Rules on Production
<b>8A CAIR:</b>	Comprehensive Assessment Information Rules - (CAIR)
<b>8A PAIR:</b>	Preliminary Assessment Information Rules - (PAIR)
<b>8C:</b>	Records of Allegations of Significant Adverse Reactions
<b>8D:</b>	Health and Safety Data Reporting Rules
<b>8D TERM:</b>	Health and Safety Data Reporting Rule Terminations
<b>12(b):</b>	Notice of Export

### Other Important Lists:

<b>CWA NPDES:</b>	EPA Clean Water Act NPDES Permit Chemical
<b>CAA HAP:</b>	EPA Clean Air Act Hazardous Air Pollutant
<b>CAA ODC:</b>	EPA Clean Air Act Ozone Depleting Chemical (1=CFC, 2=HCFC)
<b>CA PROP 65:</b>	California Proposition 65
<b>CA TAC:</b>	California AB 1807 - Toxic Air Contaminants
<b>CA Title 8:</b>	California Hazardous Substances List: Title 8, Sec. 339
<b>MI CMR:</b>	Michigan Critica Materials Register
<b>MI Part 5:</b>	Michigan DEQ WRP Part 5 Pollutants List



# MATERIAL SAFETY DATA SHEET

## Power Steering Fluid

Page: 6

Revision: 09/20/2010

<b>NC TAP:</b>	North Carolina Toxic Air Pollutants
<b>NJ EHS:</b>	New Jersey Environmental Hazardous Substances List
<b>NY Part 597:</b>	New York Part 597 List of Hazardous Substances
<b>PA HSL:</b>	Pennsylvania Hazardous Substances List
<b>SC TAP:</b>	South Carolina Toxic Air Pollutants
<b>WI Air:</b>	Wisconsin Reportable Air Contaminants

### International Regulatory Lists:

<b>Canadian DSL:</b>	Canada Domestic Substances List
<b>Canadian NDSL:</b>	Canada Non-Domestic Substances List
<b>Taiwan TCSCA:</b>	Taiwan Toxic Chemical Substances Control Act of 1986

## 16. Other Information

### Company Policy or Disclaimer

Cyclo Industries, Inc. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose. Cyclo Industries, Inc. makes no representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose with respect to the information set forth herein or to the product to which the information refers. Accordingly, Cyclo Industries, Inc. will not be responsible for damages resulting from use of or reliance upon this information.