

according to Regulation (EC) No. 1907/2006 as amended by (EC) No. 1272/2008

Section 1. Identification of the Substance/Mixture and of the Company/Undertaking

- 1.1 Product Code:** C27, C28
Product Name: Power Steering Fluid
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**
Relevant identified uses: Power Steering Fluid
- 1.3 Details of the Supplier of the Safety Data Sheet:**
- | | | | |
|--------------------------|---|----------------------|---------------|
| Company Name: | CYCLO INDUSTRIES, INC. 902 SOUTH US HIGHWAY 1 JUPITER, FL 33477 USA | Phone Number: | (800)843-7813 |
| Web site address: | www.cyclo.com | | |
| Email address: | ehs@cyclo.com | | |
| Information: | First Aid Emergency (Outside U.S.) | | (312)906-6194 |
- 1.4 Emergency telephone number:**
- | | | |
|---------------------------|-------------------------|---------------|
| Emergency Contact: | First Aid Emergency | (800)752-7869 |
| | CHEMTREC (703) 527-3887 | (800)424-9300 |

Section 2. Hazards Identification

- 2.1 Classification of the Substance or Mixture:**
Serious Eye Damage/Eye Irritation, Category 2A

- 2.2 Label Elements:**



GHS Signal Word: Warning

GHS Hazard Phrases:

H319: Causes serious eye irritation.

GHS Precaution Phrases:

P264: Wash hands thoroughly after handling.

P281: Use personal protective equipment as required.

GHS Response Phrases:

P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P303+361+353: IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

P363: Wash contaminated clothing before reuse.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P309+311: Call a POISON CENTER or doctor/physician if exposed or you feel unwell.

GHS Storage and Disposal Phrases:

P403+233: Store container tightly closed in well-ventilated place.

P501: Dispose of contents/container in accordance with local/regional/national/international regulation.



2.3 **Adverse Human Health** No data available.

Effects and Symptoms:

Section 3. Composition/Information on Ingredients

| CAS # | Hazardous Components (Chemical Name)/ REACH Registration No. | Concentration | EC No./ EC Index No. | GHS Classification |
|------------|---|---------------|---------------------------|---------------------|
| 64742-52-5 | Mineral oil, petroleum distillates, hydrotreated heavy naphthenic | 80.0 -100.0 % | 265-155-0 649-465-00-7 | Carcinogen 1B: H350 |
| NA | Proprietary Performance Additive | 1.0 -5.0 % | NA NA | No data available. |
| 112-34-5 | Diethylene glycol monobutyl ether | 1.0 -5.0 % | 203-961-6 603-096-00-8 | Eye Damage 2: H319 |

Section 4. First Aid Measures

4.1 Description of First Aid Measures: If swallowed, do not induce vomiting. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of skin contact, wash with soap and water. Remove contaminated clothing and shoes and launder before reuse. Call physician immediately if adverse reaction occurs.

Section 5. Fire Fighting Measures

5.1 Suitable Extinguishing Media: Dry chemical, water fog, CO2 or foam. Exposed material may be cooled with water.

5.2 Flammable Properties and Hazards: No data available.

Hazardous Combustion Products: Fumes and smoke. Carbon monoxide. Aldehydes.

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.

5.3 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.

Section 6. Accidental Release Measures

6.1 Protective Precautions, Protective Equipment and Emergency Procedures: No data available.

6.2 Environmental Precautions: No data available.

6.3 Methods and Material For Containment and Cleaning Up: 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.



Section 7. Handling and Storage

- 7.1 Precautions To Be Taken in Handling:** Wash hands thoroughly after handling. Use personal protective equipment as required. Keep out of the reach of children.
- 7.2 Precautions To Be Taken in Storing:** Store container tightly closed in well-ventilated place.

Section 8. Exposure Controls/Personal Protection

8.1 Exposure Parameters:

| CAS # | Chemical Name | Jurisdiction | Recommended Exposure Limits | Notations |
|-------------------|-----------------------------------|--------------|--|-----------|
| 112-34-5 ether | Diethylene glycol monobutyl ether | Europe | TWA: 67.5 mg/m3 (10 ppm) STEL: 101.2 mg/m3 (15 ppm) | |
| | | France VL | TWA: 67.5 mg/m3 (10 ppm) STEL: 101.2 mg/m3 (15 ppm) | |
| | | Britain EH40 | TWA: 67.5 mg/m3 (10 ppm) STEL: 101.2 mg/m3 (15 ppm) | |

8.2 Exposure Controls:

8.2.1 Engineering Controls (Ventilation etc.): None unless oil mist exceeds 5mg/m3.

8.2.2 Personal protection equipment:

- Eye Protection:** Chemical safety goggles with side shields or face shield.
- Protective Gloves:** Neoprene or nitrile rubber.
- Other Protective Clothing:** No data available.
- Respiratory Equipment (Specify Type):** None unless oil mist exceeds 5mg/m3.
No data available.

Section 9. Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

- Physical States:** [] Gas [X] Liquid [] Solid
- Appearance and Odor:** Amber liquid with mild petroleum odor.
- pH:** NP
- Melting Point:** < -40.00 C (-40.0 F)
- Boiling Point:** No data.
- Flash Pt:** > 200.00 F (93.3 C) Method Used: TAG Closed Cup
- Evaporation Rate:** 0
- Flammability (solid, gas):** No data available.
- Explosive Limits:** LEL: No data. UEL: No data.
- Vapor Pressure (vs. Air or mm Hg):** 0
- Vapor Density (vs. Air = 1):** No data.
- Specific Gravity (Water = 1):** .88
- Solubility in Water:** 0% at 20.0 C (68.0 F)
- Octanol/Water Partition Coefficient:** No data.



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Autoignition Pt: No data.
Decomposition Temperature: No data.
Viscosity: 7.1 - 8.1

9.2 Other Information

Percent Volatile: 0.0 % by weight.

Section 10. Stability and Reactivity

- 10.1 Reactivity:** No data available.
- 10.2 Stability:** Unstable [] Stable [X]
- 10.3 Conditions To Avoid - Hazardous Reactions:** No data available.
- Possibility of Hazardous Reactions:** Will occur [] Will not occur [X]
- 10.4 Conditions To Avoid - Instability:** High temperatures.
- 10.5 Incompatibility - Materials To Avoid:** Strong oxidizers such as hydrogen peroxide, bromine and chromic acid.
- 10.6 Hazardous Decomposition or Byproducts:** Carbon monoxide and carbon dioxide from burning. Oxides of phosphorus. Oxides of sulfur.

Section 11. Toxicological Information

- 11.1 Information on Toxicological Effects:** CAS# 64742-52-5:
Mutagenicity:, Mutation test: Mutation in microorganisms., 10.00 UL/PLAT, Bacteria - Salmonella typhimurium,.
Results:
Behavioral: Coma.
Biochemical:Metabolism (intermediary): Other.
- Cell Biology and Toxicology., Princeton Scientific Pub., Inc., 301 N. Harrison St., CN 5279, Princeton, NJ 08540, Vol/p/yr: 2,63, 1986
- Acute toxicity, LD (Lethal dose), Oral, Rat, > 5.000 GM/KG.
Results:
Tumorigenic: Neoplastic by RTECS criteria.
Lungs, Thorax, or Respiration: Tumors.
Tumorigenic:Tumors at site of application.
- Acute Toxicity Data. Journal of the American College of Toxicology, Part B., Mary Ann Liebert, Inc., 1651 Third Ave., New York, NY 10128, Vol/p/yr: 1,133, 1990
- Acute toxicity, LD (Lethal dose), Skin, Species: Rabbit, > 5.000 GM/KG.
Results:
Behavioral: Coma.
Biochemical:Metabolism (intermediary): Other.
- Acute Toxicity Data. Journal of the American College of Toxicology, Part B., Mary Ann Liebert, Inc., 1651 Third Ave., New York, NY 10128, Vol/p/yr: 1,133, 1990
- Tumorigenic Effects:, TDLo, Skin, Mouse, 480.0 GM/KG, 80 W.
Results:
Tumorigenic: Neoplastic by RTECS criteria.



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Revision: 08/28/2017
Supersedes Revision: 09/26/2014

Skin and Appendages: Other: Tumors.

Tumorigenic:Tumors at site of application.

- United States Environmental Protection Agency, Office of Pesticides and Toxic Substances., U.S. Environmental Protection Agency, Office of Pesticides and Toxic Substances, 401 M St., SW, Washington, DC 20460, Vol/p/yr: 8EHQ-0887-,

Tumorigenic Effects:, TDLo, Skin, Mouse, 402.0 GM/KG, 78 W.

Results:

Tumorigenic: Equivocal tumorigenic agent by RTECS criteria.

Skin and Appendages: Other: Tumors.

Tumorigenic:Tumors at site of application.

- British Journal of Cancer., Macmillan Press Ltd, Houndmills, Basingstoke, Hampshire RG21 2XS UK, Vol/p/yr: 48,429, 1983

Tumorigenic Effects:, TDLo, Skin, Mouse, 398.0 GM/KG, 22 W.

Results:

Tumorigenic: Equivocal tumorigenic agent by RTECS criteria.

Skin and Appendages: Other: Tumors.

Tumorigenic:Tumors at site of application.

- British Journal of Cancer., Macmillan Press Ltd, Houndmills, Basingstoke, Hampshire RG21 2XS UK, Vol/p/yr: 48,429, 1983

Standard Draize Test, Skin, Species: Rabbit, 500.0 MG, Severe.

Results:

Tumorigenic: Equivocal tumorigenic agent by RTECS criteria.

Skin and Appendages: Other: Tumors.

Tumorigenic:Tumors at site of application.

- Acute Toxicity Data. Journal of the American College of Toxicology, Part B., Mary Ann Liebert, Inc., 1651 Third Ave., New York, NY 10128, Vol/p/yr: 1,133, 1990

| CAS # | Hazardous Components (Chemical Name) | NTP | IARC | ACGIH | OSHA |
|------------|---|------|------|-------|------|
| 64742-52-5 | Mineral oil, petroleum distillates, hydrotreated heavy naphthenic | n.a. | n.a. | n.a. | n.a. |
| NA | Proprietary Performance Additive | n.a. | n.a. | n.a. | n.a. |
| 112-34-5 | Diethylene glycol monobutyl ether | n.a. | n.a. | n.a. | n.a. |

Section 12. Ecological Information

- 12.1 Toxicity: No data available.
- 12.2 Persistence and Degradability: No data available.
- 12.3 Bioaccumulative Potential: No data available.
- 12.4 Mobility in Soil: No data available.
- 12.5 Results of PBT and vPvB assessment: No data available.
- 12.6 Other adverse effects: No data available.



Section 13. Disposal Considerations

13.1 Waste Disposal Method: Dispose of contents/container in accordance with local/regional/national/international regulation.

Section 14. Transport Information

14.1 LAND TRANSPORT (European ADR/RID):

ADR/RID Shipping Name: Not-Regulated

UN Number:

Hazard Class:

14.2 MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Not-Regulated

14.3 AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not-Regulated

Section 15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

| CAS # | Hazardous Components (Chemical Name) | S. 302 (EHS) | S. 304 RQ | S. 313 (TRI) |
|------------|---|--------------|-----------|---------------|
| 64742-52-5 | Mineral oil, petroleum distillates, hydrotreated heavy naphthenic | No | No | No |
| NA | Proprietary Performance Additive | No | No | No |
| 112-34-5 | Diethylene glycol monobutyl ether | No | No | Yes-Cat. N230 |

CAS # Hazardous Components (Chemical Name)

Other US EPA or State Lists

| | | |
|------------|---|---|
| 64742-52-5 | Mineral oil, petroleum distillates, hydrotreated heavy naphthenic | CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No |
| NA | Proprietary Performance Additive | CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No |
| 112-34-5 | Diethylene glycol monobutyl ether | CAA HAP,ODC: Yes - Cat.; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: Yes - Cat.; MA Oil/HazMat: No; MI CMR, Part 5: Yes - Cat.; NC TAP: Yes - Cat.; NJ EHS: Yes - Cat.; NY Part 597: No; PA HSL: Yes - c; SC TAP: Yes - Cat.; WI Air: Yes - Cat. |

CAS # Hazardous Components (Chemical Name)

International Regulatory Lists

| | | |
|------------|---|---|
| 64742-52-5 | Mineral oil, petroleum distillates, hydrotreated heavy naphthenic | Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes |
| NA | Proprietary Performance Additive | Canadian DSL: No; Canadian NDSL: No; Taiwan TCSCA: No |
| 112-34-5 | Diethylene glycol monobutyl ether | Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes |



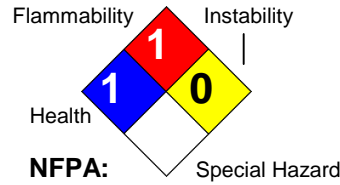
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Section 16. Other Information

Revision Date: 08/28/2017

Hazard Rating System:



Additional Information About No data available.

This Product:

Company Policy or

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