

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

Section 2. Hazards Identification

- 2.1 Classification of the Substance or Mixture:**
2.1.1 Classification according to Regulation (EC) No 1272/2008 [CLP]:
Carcinogenicity, Category 1A
Serious Eye Damage/Eye Irritation, Category 2A
2.1.2 Classification according to Directive 1999/45/EC:
2.2 Label Elements:
2.2.1 Labeling according to Regulation (EC) No 1272/2008 [CLP]:

**GHS Signal Word:** Danger**GHS Hazard Phrases:**

H350: May cause cancer.

H319: Causes serious eye irritation.

GHS Precaution Phrases:

P201: Obtain special instructions before use.

P202: Do not handle until all safety precautions have been read and understood.

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:

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

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



Section 7. Handling and Storage

- 7.1 Precautions To Be Taken in Handling:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Keep out of the reach of children.
- 7.2 Precautions To Be Taken in Storing:** Do not store at temperatures over 100 F. Keep container closed when not in use.

Section 8. Exposure Controls/Personal Protection

8.1 Exposure Parameters:

CAS #	Partial Chemical Name	Britain EH40	France VL	Europe
64742-52-5	Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	No data.	No data.	No data.
NA	Proprietary Performance Additive	No data.	No data.	No data.
112-34-5	Diethylene glycol monobutyl ether	TWA: 67.5 mg/m3 (10 ppm) STEL: 101.2 mg/m3 (15 ppm)	TWA: 67.5 mg/m3 (10 ppm) STEL: 101.2 mg/m3 (15 ppm)	TWA: 67.5 mg/m3 STEL: 101.2 mg/m3

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
64742-52-5	Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	No data.	No data.	No data.
NA	Proprietary Performance Additive	No data.	No data.	No data.
112-34-5	Diethylene glycol monobutyl ether	No data.	No data.	No data.

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.

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
- 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)
Autoignition Pt: 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:** No data available.
- 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:



SAFETY DATA SHEET

Power Steering Fluid

Tumorigenic: Neoplastic by RTECS criteria.

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

Section 13. Disposal Considerations

13.1 Waste Disposal Method:	Dispose of contents/container in accordance with local/regional/national/international regulation.
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Section 14. Transport Information

14.1 LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not-Restricted
DOT Hazard Class:
UN/NA Number:

14.1 LAND TRANSPORT (European ADR/RID):

ADR/RID Shipping Name: Not-Restricted
UN Number:
Hazard Class:

14.2 MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Not-Restricted

14.3 AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not-Restricted

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)

64742-52-5	Mineral oil, petroleum distillates, hydrotreated heavy naphthenic
NA	Proprietary Performance Additive
112-34-5	Diethylene glycol monobutyl ether

Other US EPA or State Lists

CAA HAP,ODC: No; CWA NPDES: No; TSCA: 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
 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
 CAA HAP,ODC: HAP; CWA NPDES: No; TSCA: Inventory, 4 Test; CA PROP.65: No; CA TAC, Title 8: TAC; MA Oil/HazMat: No; MI CMR, Part 5: Part 5; NC TAP: Yes - Cat.; NJ EHS: Yes - Cat.; NY Part 597: No; PA HSL: Yes - c; SC TAP: Yes - Cat.; WI Air: Yes - Cat.

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64742-52-5	Mineral oil, petroleum distillates, hydrotreated heavy naphthenic
NA	Proprietary Performance Additive
112-34-5	Diethylene glycol monobutyl ether

International Regulatory Lists

Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
 Canadian DSL: No; Canadian NDSL: No; Taiwan TCSCA: No
 Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes



European Community Hazard Symbol codes:

European Community Risk and Safety Phrases:

No data available.

Section 16. Other Information

Revision Date: 09/26/2014

Additional Information About This Product: No data available.

This Product:

Company Policy or

Disclaimer:

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