

# MATERIAL SAFETY DATA SHEET

SNAP® POWER STEERING FLUID

## 1. PRODUCT AND COMPANY IDENTIFICATION

MSDS Number: 13640

Version Date: 05/29/01

**Product Name:** SNAP® POWER STEERING FLUID

**Product Use:** No information available

**Synonyms:** S270, S272, 23226

### Company Information

SOPUS Products  
P.O. Box 4427  
Houston, TX 77210-4427  
USA

### Phone Numbers

**Medical Emergency:** 1-800-546-6040  
**Transportation Emergency (USA):** 1-800-424-9300  
**Transportation Emergency (International):**  
1-703-527-3887 (Call Collect)  
**MSDS Assistance:** 1-800-546-6227  
**Fax On Demand:** 1-800-546-6227  
**Technical Assistance:** 1-800-458-4998  
**Customer Service:** 1-800-468-8397  
**Fax Number:** 713-217-3181  
**Internet Address:** www.MSDS.PZLQS.com

## 2. COMPONENT INFORMATION

Component	CAS No.	Weight Percent Range	Hazardous in Blend
ADDITIVE	MIXTURE	1 - 5	No
HEAVY NAPHTHENIC HYDROTREATED DISTILLATE	64742-52-5	< 95	No
HYDROTREATED LIGHT NAPHTHENIC PETROLEUM DISTILLATE	64742-53-6	< 95	No
SOLVENT DEASPHALTED RESIDUAL OIL	64741-95-3	< 95	No

Under normal conditions of use or in a foreseeable emergency, this product does not meet the definition of a hazardous chemical when evaluated according to the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**Other:** No information available

## 3. HAZARDS IDENTIFICATION

### Emergency and Hazards Overview

CAUTION: Contains Petroleum Lubricant. Repeated skin contact can cause skin disorders.

**NFPA Ratings:** Health 0 Flammability 1 Reactivity 0

**Primary Route of Exposure:** Skin X Inhalation -- Eye --

### Health Effect Information

**Eye Contact:** This product is practically non-irritating to the eyes upon direct contact. Based on testing of similar products and/or components.

**Skin Contact:** Avoid skin contact. This product may cause slight skin irritation upon direct contact. Based on testing of similar products and/or components. Prolonged or repeated skin contact may result in dryness, chapping, and reddening. See Section 11 - Toxicological Information.

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**Inhalation:** This product has a low vapor pressure and is not expected to present an inhalation hazard at ambient conditions. Caution should be taken to prevent aerosolization or misting of this product. On rare occasions, prolonged and repeated exposure to oil mist poses a risk of pulmonary disease such as chronic lung inflammation. Shortness of breath and cough are the most common symptoms.

**Ingestion:** Do not ingest. This product is relatively non-toxic by ingestion. This product has laxative properties and may result in abdominal cramps and diarrhea. Exposure to a large single dose, or repeated smaller doses, may lead to lung aspiration, which can lead to lipid pneumonia or chronic lung inflammation. These are low-grade, chronic localized tissue reactions.

**Medical Conditions Aggravated by Exposure:** Drying and chapping may make the skin more susceptible to other irritants, sensitizers and disease.

**Other:** No information available

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## 4. FIRST AID INFORMATION

**Eye Contact:** Immediately flush eyes with large amounts of water and continue flushing until irritation subsides. If irritation persists, seek medical attention.

**Skin Contact:** No treatment is necessary under ordinary circumstances. Remove contaminated clothing. Wash contaminated area thoroughly with soap and water. If redness or irritation occurs and persists, seek medical attention.

**Inhalation:** This material has a low vapor pressure and is not expected to present an inhalation exposure at ambient conditions. No treatment is necessary under ordinary circumstances.

**Ingestion:** Do not induce vomiting. No treatment is necessary under ordinary circumstances. If victim exhibits signs of lung aspiration such as coughing or choking, seek immediate medical assistance.

**Notes to Physician:** No information available

**Other:** No information available

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## 5. FIRE AND EXPLOSION INFORMATION

### Flammable Properties

**Flash Point:** >310 F, >154.4 C

**Test Method:** ASTM 3278 - Closed Cup

### Flammable Limits in Air

**Upper Percent:** 10%

**Lower Percent:** 1%

**Autoignition Temperature:** No data available

**Test Method:** No information available

**NFPA Classification:** Class III-B combustible liquid

**Extinguishing Media:** Use dry chemical, foam, or carbon dioxide.

### Fire Fighting Measures

**Special Fire Fighting Procedures and Equipment:** No special fire fighting procedures are required.

**Unusual Fire and Explosion Conditions:** Dense smoke may be generated while burning. Carbon monoxide, carbon dioxide, and other oxides may be generated as products of combustion.

**Hazardous Combustion By-Products:** None

**Other:** No information available

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**6. ACCIDENTAL RELEASE MEASURES**

**Personnel Safeguards:** Consult Health Effect Information in Section 3, Personal Protection Information in Section 8, Fire and Explosion Information in Section 5, and Stability and Reactivity Information in Section 10.

**Regulatory Notifications:** No notification required

**Containment and Clean up:** No special cleanup procedures are necessary. Do not allow spill to enter sewers or watercourses. Small spills may be picked up with absorbent material.

**Other:** No information available

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**7. HANDLING AND STORAGE INFORMATION**

**Handling:** No special handling procedures are necessary.

**Storage:** Do not transfer to unmarked containers. Store in closed containers away from heat, sparks, open flame, or oxidizing materials.

**Empty Container Warnings**

**Drums:** Not applicable

**Plastic:** Do not reuse this container. Empty container may retain product residues.

**Other:** No information available

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION INFORMATION**

**Exposure Limits and Guidelines**

This product does not contain any components with OSHA or ACGIH exposure limits.

**Personal Protective Equipment**

**Eye/Face Protection:** Eye protection is not required under conditions of normal use. If material is handled such that it could be splashed into eyes, wear plastic face shield or splash-proof safety goggles.

**Skin Protection:** Skin protection is not required under conditions of normal use. Launder soiled clothes.

**Respiratory Protection:** Respiratory protection is not required under conditions of normal use.

**Personal Hygiene:** Consumption of food and beverage should be avoided in work areas where hydrocarbons are present. Always wash hands and face with soap and water before eating, drinking, or smoking.

**Engineering Controls / Work Practices**

**Ventilation:** General room ventilation is normally sufficient.

**Other:** No information available

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b> Light yellow - amber	
<b>Odor:</b> Petroleum	<b>Vapor Pressure:</b> < 0.001 mm Hg @ 77 F
<b>Physical state:</b> Liquid	<b>Vapor Density (air=1):</b> > 1
<b>pH:</b> No data available	<b>Percent Volatile by Volume:</b> No data available
<b>Boiling Point:</b> > 500 F, 260 C	<b>Volatile Organic Content:</b> No data available
<b>Melting Point:</b> No data available	<b>Molecular Weight:</b> No data available
<b>Specific Gravity:</b> 0.87	<b>Average Carbon Number:</b> No data available
<b>Pour Point:</b> 10 F, -12.2 C	<b>Viscosity @ 100 F:</b> No data available
	<b>Viscosity @ 40 C:</b> = 46 cSt
<b>Solubility in Water:</b> Insoluble in water	
<b>Octanol / Water Coefficient: Log K<sub>ow</sub></b> = No data available	

**10. STABILITY AND REACTIVITY INFORMATION****Chemical Stability:** Stable**Conditions to Avoid:** High heat and open flames.**Incompatible Materials to Avoid:** May react with strong oxidizing agents.**Other:** No information available**11. TOXICOLOGICAL INFORMATION****Primary Eye Irritation:** No information available**Primary Skin Irritation:** No information available**Acute Dermal Toxicity:** No information available**Subacute Dermal Toxicity:** No information available**Dermal Sensitization:** No information available**Inhalation Toxicity:** No information available**Inhalation Sensitization:** No information available**Oral Toxicity:** No information available**Mutagenicity:** No information available

**Carcinogenicity:** The International Agency for Research on Cancer (IARC) has concluded that there is inadequate data to evaluate the carcinogenicity to experimental animals of this class of product. IARC has determined this class of products belongs to Group 3-"not classifiable as to its carcinogenicity to humans".

**Reproductive and Developmental Toxicity:** No information available**Teratogenicity:** No information available

**Immunotoxicity:** No information available

**Neurotoxicity:** No information available

**Other:** No information available

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**12. ECOLOGICAL INFORMATION**

**Aquatic Toxicity:** No information available

**Terrestrial Toxicity:** No information available

**Chemical Fate and Transport:** No information available

**Other:** No information available

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**13. DISPOSAL INFORMATION**

**Regulatory Information:** Dispose of residual products and empty containers responsibly.

**Waste Disposal Methods:** Waste material may be landfilled or incinerated at an approved facility.

**Other:** No information available

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**14. TRANSPORTATION INFORMATION**

**U.S. Department of Transportation (DOT)**

**Highway / Rail (Bulk):** Not Regulated

**Highway / Rail (Non-Bulk):** Not Regulated

For US shipments, US DOT law requires the shipper to determine the proper shipping description of the material that is being shipped. The shipping information and description contained in this section may not be suitable for all shipments of this material, but may help the shipper determine the proper shipping description for a particular shipment.

**International Information**

**Vessel: IMDG Regulated:** — **IMDG Not Regulated:** X

**Air: ICAO Regulated:** — **ICAO Not Regulated:** X

**Other:** No information available

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**15. Regulatory Information**

**Regulatory Lists Searched:** The components listed in Section 2 of this MSDS were compared to substances that appear on the following regulatory lists. Each list is numerically identified. See **Regulatory Search Results** below.

**Health & Safety:** 10 - IARC carcinogen, 11 - NTP carcinogen, 12 - OSHA carcinogen, 15 - ACGIH TLV, 16 - OSHA PEL, 17 - NIOSH exposure limit, 20 - US DOT Appendix A, Hazardous substances, 22 - FDA 21 CFR Total food additives, 23 - NFPA 49 or 325

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**Environmental:** 30 - CAA 1990 Hazardous air pollutants, 31 - CAA Ozone depleters, 33 - CAA HON rule, 34 - CAA Toxic substance for accidental release prevention, 35 - CAA Volatile organic compounds (VOC's) in SOCM1, 41 - CERCLA / SARA Section 302 extremely hazardous substances, 42 - CERCLA / SARA Section 313 emissions reporting, 43 - CWA Hazardous substances, 44 - CWA Priority pollutants, 45 - CWA Toxic pollutants, 46 - EPA Proposed test rule for hazardous air pollutants, 47 - RCRA Basis for listing - Appendix VII, 48 - RCRA waste, 49 - SDWA - (S)MCLs

**International:** 50 - Canada - WHMIS Classification of substance, 54 - Mexico - Drinking water - ecological criteria, 55 - Mexico - Wastewater discharges, 56 - US -TSCA Section (12)(b) - export notification

**State Lists:** 60 - CA - Proposition 65, 61 - FL - Substances, 62 - MI - Critical materials, 63 - MA - RTK, 64 - MA - Extraordinarily hazardous substances, 65 - MN - Hazardous substances, 66 - PA - RTK, 67 - NJ - RTK, 68 - NJ - Environmental hazardous substances, 69 - NJ - Special hazardous substances

**Inventories:** 80 - Canada - Domestic substances , 81 - European - EINECS, 82 - Japan - ENCS, 83 - Korea - Existing and evaluated chemical substances, 84 - US - TSCA , 85 - China Inventory

## Regulatory Search Results:

HEAVY NAPHTHENIC HYDROTREATED DISTILLATE: 80, 81, 83, 84, 85

HYDROTREATED LIGHT NAPHTHENIC PETROLEUM DISTILLATE: 63, 64, 80, 81, 83, 84, 85

SOLVENT DEASPHALTED RESIDUAL OIL: 80, 81, 83, 84, 85

**U.S. TSCA Inventory:** All components of this material are on the US TSCA Inventory.

**SARA Section 313:** Consumer products are not regulated under SARA, Title III, Section 313.

**IARC:** No information available

## **SARA 311 / 312 Categories**

**Acute:** -- **Chronic:** -- **Fire:** -- **Pressure:** -- **Reactive:** --

**Not Regulated:** X

## **Canadian WHMIS Classification**

Not a controlled substance under WHMIS

## **European Union Classification**

### **Hazard Symbols:**

No classification recommended

### **Risk Phrases:**

No classification recommended

### **Safety Phrases:**

No classification recommended

**Other:** No information available

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## **16. OTHER INFORMATION**

### **Health and Environmental Label Language**

Back Label (updated 2-2003):

CAUTION: May cause skin and eye irritation. PRECAUTIONARY MEASURES: Avoid prolonged or repeated contact with eyes, skin or clothing. Wash skin with soap and water after handling.

KEEP OUT OF REACH OF CHILDREN.

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**MSDS Revisions**

**Previous Version Date:** 04/09/01

**Previous Version Information**

Revised all sections, new 16 section MSDS format.

**Other**

No information available

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