

PRODUCT NAME: ABRO Power Steering Fluid
PRODUCT NUMBER/SIZE: PS-700-R / 12 oz.

Rev Date: 6/25/2015

SECTION 1 Identification of the Substance and of the Company/Undertaking

MANUFACTURER'S NAME: ABRO INDUSTRIES, INC.
ADDRESS: 3580 Blackthorn Court
South Bend, IN 46628
USA
PRODUCT DESCRIPTION: Power Steering Fluid
COMPANY PHONE: 574-232-8289
EMERGENCY 24-HR TELEPHONE: Chemtrec: US/Canada 1-800-424-9300
International +1-703-527-3887

SECTION 2 Hazards Identification

Classification:
Aspiration Toxicity, Category 1

Label Pictogram(s):



Signal Word: Danger

Hazard Phrases: May be fatal if swallowed and enters airways.

Precautionary Phrases: No precautionary phrases.

Response: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.

Storage / Disposal: Store locked up. Dispose of contents and container to appropriate waste site or reclaimer in accordance with local and national regulations.

Other: Keep out of reach of children.

SECTION 3
Composition/Information on Ingredients

COMPONENTS	CAS Number	Percent by weight
Distillates (petroleum), Solvent-dewaxed heavy paraffinic	64742-65-0	>85.0 %
Proprietary additives	NA	<15.0 %

SECTION 4
First Aid Measures**In Case of Inhalation**

No treatment necessary under normal conditions of use. Remove to fresh air. If symptoms persist, obtain medical advice.

In Case of Skin Contact

Remove contaminated clothing. Flush exposed area with water and follow by washing with soap if available. If persistent irritation occurs, obtain medical attention.

In Case of Eye Contact

Flush eye with copious quantities of water. If persistent irritation occurs, obtain medical attention.

In Case of Ingestion

If swallowed, do not induce vomiting; transport to nearest medical facility for additional treatment. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. If any of the following delayed signs and symptoms appear within the next 6 hours, transport to the nearest medical facility: fever greater than 101° F (38.3°C), shortness of breath, chest congestion or continued coughing or wheezing. Give nothing by mouth.

Note to Physician

Treat symptomatically. Call a doctor or poison control center for guidance.

Indication of any immediate medical attention and special treatment needed

If material enters lungs, signs and symptoms may include coughing, choking, wheezing, difficulty in breathing, chest congestion, shortness of breath, and/or fever. The onset of respiratory symptoms may be delayed for several hours after exposure. Oil acne/folliculitis signs and symptoms may include formation of black pustules and spots on the skin of exposed areas. Ingestion may result in nausea, vomiting and/or diarrhea.

Signs and Symptoms of Exposure

No data available.

SECTION 5
Fire Fighting Measures

Flash Pt: 216.50 C (421.7 F) Method Used: Pensky-Marten Closed Cup

Explosive Limits: LEL: No data. UEL: No data.

Autoignition Pt: No data available.

Fire Fighting Instructions

As in any fire, wear self-contained breathing apparatus pressure-demand MSHA/NIOSH (approved or equivalent) and full protective gear.

Flammable Properties and Hazards

No data available.

Hazardous Combustion Products

Hazardous combustion products may include: A complex mixture of airborne solid and liquid particulates and gases (smoke). Carbon monoxide. Unidentified organic and inorganic compounds.

Suitable Extinguishing Media

Foam, water spray or fog. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.

Unsuitable Extinguishing Media

Do not use water in a jet.

SECTION 6
Accidental Release Measures

Steps To Be Taken In Case Material Is Released or Spilled

Slippery when spilled. Avoid accidents, clean up immediately. Prevent from spreading by making a barrier with sand, earth or other containment material. Reclaim liquid directly or in an absorbent. Soak up residue with an absorbent such as clay, sand or other suitable material and dispose of properly.

Protective Precautions, Protective Equipment and Emergency Procedures

Wear appropriate personal protective equipment.

Environmental Precautions

Use appropriate containment to avoid environmental contamination. Prevent from spreading or entering drains, ditches or rivers by using sand, earth, or other appropriate barriers.

SECTION 7
Handling and Storage

Precautions to Be Taken in Handling

Avoid prolonged or repeated contact with skin. Avoid inhaling vapor and/or mists. When handling product in drums, safety footwear should be worn and proper handling equipment should be used. Use local exhaust ventilation if there is risk of inhalation of vapors, mists or aerosols. Properly dispose of any contaminated rags or cleaning materials in order to prevent fires. Use the information in this data sheet as input to a risk assessment of local circumstances to help determine appropriate controls for safe handling, storage and disposal of this material.

Precautions to Be Taken in Storing

Keep container tightly closed and in a cool, well-ventilated place. Use properly labelled and closeable containers. Storage Temperature: 0 - 50°C / 32 - 122°F. Store separately from oxidizing agents

SECTION 8
Exposure Controls/Personal Protection

<u>COMPONENTS</u>	<u>CAS Number</u>	<u>OSHA PEL</u>	<u>ACGIH TWA</u>	<u>Other Limits</u>
Distillates (petroleum), Solvent-dewaxed heavy paraffinic	64742-65-0	No data	No data	No data

Proprietary additives	NA	No data	No data	No data
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Respiratory Equipment (Specify Type)

No respiratory protection is ordinarily required under normal conditions of use. In accordance with good industrial hygiene practices, precautions should be taken to avoid breathing of material. If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, select respiratory protection equipment suitable for the specific conditions of use and meeting relevant legislation. Check with respiratory protective equipment suppliers. Where air-filtering respirators are suitable, select an appropriate combination of mask and filter. Select a filter suitable for combined particulate/organic gases and vapors [boiling point >65 °C (149 °F)] meeting NIOSH/MSHA guidelines.

Eye Protection

Wear safety glasses or full face shield if splashes are likely to occur.

Protective Gloves

Neoprene, nitrile, polyvinyl alcohol (PVA), polyvinyl chloride and polyurethane gloves to prevent skin contact.

Other Protective Clothing

When prolonged or frequently repeated contact could occur, use protective clothing impervious to this material.

Engineering Controls (Ventilation etc.)

Not required under normal conditions of use. However, if unusual operating conditions exist, then provide sufficient mechanical ventilation to maintain exposure below PEL/TLV (s).

Work/Hygienic/Maintenance Practices

After using product, hands should be washed and dried thoroughly.

Environmental Exposure Controls

Minimize release to the environment.

**SECTION 9
Physical and Chemical Properties**

Physical States:	<input type="checkbox"/> Gas <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Solid
Melting Point:	No data.
Boiling Point:	> 425.00 F (218.3 C)
Autoignition Pt:	No data.
Flash Pt:	216.50 C (421.7 F) Method Used: Pensky-Marten Closed Cup
Specific Gravity (Water = 1):	0.848 - 0.864 at 60.0 F (15.6 C)
Density:	7.07 - 7.21 LBS/GAL at 60.0 F (15.6 C)
Vapor Pressure (vs. Air or mm Hg):	0 MM_HG
Vapor Density (vs. Air = 1):	> 1
Evaporation Rate:	No data.
Solubility in Water:	Insoluble
Percent Volatile:	No data.
Appearance and Odor:	Amber liquid with characteristic petroleum odor.

**SECTION 10
Stability and Reactivity**

Stability: Unstable Stable

Conditions to Avoid - Instability

Extremes of temperature and direct sunlight.

Incompatibility - Materials to Avoid

Avoid contact with strong oxidizing agents

Hazardous Decomposition or Byproducts

In the case of a fire, oxides of carbon, hydrocarbons, fumes, and smoke may be produced.

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

Conditions to Avoid - Hazardous Reactions

Hazardous polymerization is not expected to occur under normal use.

SECTION 11
Toxicological Information

Information given is based on data on the components and the toxicology of similar products.

Acute Oral Toxicity:

Low toxicity: LD50 > 5000 mg/kg, Rat

Acute Dermal Toxicity:

Low toxicity: LD50 > 5000 mg/kg, Rabbit

Acute Inhalation Toxicity:

Low toxicity: LC50 >5 mg/l / 4 h, Rat

CAS# 64742-65-0:

Acute toxicity, LD (Lethal dose), Oral, Rat, 5.000 GM/KG.

Results:

Behavioral: Alteration of classical conditioning.

- 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: 1,141, 1990

Tumorigenic Effects: TDLo, Skin, Mouse, 386.0 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

Irritation or Corrosion

Likely Routes of Exposure:

Skin and eye contact are the primary routes of exposure although exposure may occur following accidental ingestion.

Skin Corrosion/Irritation:

Expected to be slightly irritating. Prolonged/repeated contact may cause defatting of the skin which can lead to dermatitis.

Serious Eye Damage/Irritation:

Expected to be slightly irritating.

Respiratory Irritation:
Inhalation of vapours or mists may cause irritation.

Aspiration Hazard: Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal.

Sensitization

Respiratory or Skin Sensitization: Not expected to be a skin sensitizer.

Carcinogenicity/Other Information

Respiratory or Skin Sensitization: Not expected to be a skin sensitizer.

COMPONENTS	CAS Number	NTP	IARC	ACGIH	OSHA
Distillates (petroleum), Solvent-dewaxed heavy paraffinic	64742-65-0	No	No	No	No
Proprietary additives	NA	n.a.	n.a.	n.a.	n.a.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

SECTION 12
Ecological Information

General Ecological Information

Poorly soluble mixture. May cause physical fouling of aquatic organisms.

Results of PBT and vPvB assessment

No data available.

Persistence and Degradability

Major constituents are expected to be readily biodegradable, but the product contains components that may persist in the environment.

Bioaccumulative Potential

Contains components with the potential to bioaccumulate.

Mobility in Soil

Liquid under most environmental conditions. Floats on water. If it enters soil, it will adsorb to soil particles and will not be mobile.

SECTION 13
Disposal Considerations

Waste Disposal Method

Recover or recycle if possible. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste classification and disposal methods in compliance with applicable regulations. Do not dispose into the environment, in drains or in water courses. Disposal should be in accordance with applicable regional, national, and local laws and regulations.

SECTION 14 Transport Information

Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (ocean, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport.

U.S. DOT UN/ID Number: Not Regulated
Proper shipping name:
Hazard class:
Packing Group:
Exceptions: None.
Environmental Hazards:
Transport in Bulk: Not Applicable.
Special Precautions:

IMO/IMDG UN/ID Number: Not Regulated
Proper shipping name:
Hazard class:
Packing Group:
Exceptions: None.
Environmental Hazards:
Transport in Bulk: Not Applicable.
Special Precautions:

ICAO/IATA UN/ID Number: Not Regulated
Proper shipping name:
Hazard Class:
Packing Group:
Exceptions:
Environmental Hazards:
Transport in Bulk:
Special Precautions:

Canada (TDG) UN/ID Number: Not Regulated
Proper shipping name:
Hazard class:
Packing Group:
Exceptions:
Environmental Hazards:
Transport in Bulk:
Special Precautions:

Europe (ADR/RID) UN/ID Number: Not Regulated
Proper shipping name:
Hazard class:
Packing Group:
Exceptions:
Environmental Hazards:
Transport in Bulk:
Special Precautions:

SECTION 15 Regulatory Information

US EPA SARA Title III

<u>COMPONENTS</u>	<u>CAS Number</u>	<u>Sec.302 (EHS)</u>	<u>Sec.304 RQ</u>	<u>Sec.313 (TRI)</u>	<u>Sec.110</u>
Distillates (petroleum), Solvent-dewaxed heavy paraffinic	64742-65-0	No	No	No	No
Proprietary additives	NA	No	No	No	No

US EPA CAA, CWA, TSCA

<u>COMPONENTS</u>	<u>CAS Number</u>	<u>EPA CAA</u>	<u>EPA CWA NPDES</u>	<u>EPA TSCA</u>	<u>CA PROP 65</u>
Distillates (petroleum), Solvent-dewaxed heavy paraffinic	64742-65-0	No	No	Inventory	No
Proprietary additives	NA	No	No	No	No

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

Sec.302: EPA SARA Title III Section 302 Extremely Hazardous Chemical with TPQ. * indicates 10000 LB TPQ if not volatile.

Sec.304: EPA SARA Title III Section 304: CERCLA Reportable + Sec.302 with Reportable Quantity. ** indicates statutory RQ.

Sec.313: EPA SARA Title III Section 313 Toxic Release Inventory. Note: -Cat indicates a member of a chemical category.

Sec.110: EPA SARA 110 Superfund Site Priority Contaminant List

TSCA (Toxic Substances Control Act) Lists:

Inventory: Chemical Listed in the TSCA Inventory.

5A (2): Chemical Subject to Significant New Rules (SNURS)

6A: Commercial Chemical Control Rules

8A: Toxic Substances Subject To Information Rules on Production

8A CAIR: Comprehensive Assessment Information Rules - (CAIR)

8A PAIR: Preliminary Assessment Information Rules - (PAIR)

8C: Records of Allegations of Significant Adverse Reactions

8D: Health and Safety Data Reporting Rules

8D TERM: Health and Safety Data Reporting Rule Terminations

12(b): Notice of Export

Other Important Lists:

CWA NPDES: EPA Clean Water Act NPDES Permit Chemical

CAA HAP: EPA Clean Air Act Hazardous Air Pollutant

CAA ODC: EPA Clean Air Act Ozone Depleting Chemical (1=CFC, 2=HCFC)

CA PROP 65: California Proposition 65

International Regulatory Lists:

EPA Hazard Categories:

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

- Yes No Acute (immediate) Health Hazard
- Yes No Chronic (delayed) Health Hazard
- Yes No Fire Hazard
- Yes No Sudden Release of Pressure Hazard
- Yes No Reactive Hazard

HMIS

Health – 1
Flammability – 1
Physical – 0
PPE – B

NFPA

Health – 1
Flammability – 1
Instability – 0
Special Hazard -

SECTION 16
Other Information

The supplier disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications. All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance upon, information contained herein.

This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.

ABBREVIATIONS:

NG="NOT GIVEN"	BT="BETWEEN"
<="LESS THAN"	>="GREATER THAN"
ND = Not Determined	NA = Not Applicable