1 Identification

Product identifier
Trade name: Bar’s Leaks Power Steering Fix – Left & Right Sides
Product code: 1600

Recommended use and restriction on use
Recommended use: Lubricant
Restrictions on use: No relevant information available.

Details of the supplier of the Safety Data Sheet
Manufacturer/Supplier:
Bar’s Products
P.O. Box 187
Holly, MI 48442 USA
Phone: (810) 603-1321

Emergency telephone number:
ChemTel Inc.
(800)255-3924 (North America)
+1 (813)248-0585 (International)

2 Hazard(s) identification

Classification of the substance or mixture
The product is not classified as hazardous according to the Globally Harmonized System (GHS).

Label elements
GHS label elements Not regulated.
Hazard pictograms: Not regulated.
Signal word: Not regulated.
Hazard statements: Not regulated.

Other hazards There are no other hazards not otherwise classified that have been identified.

3 Composition/information on ingredients

Chemical characterization: Mixtures

Components:

<table>
<thead>
<tr>
<th>Substance</th>
<th>CAS Number</th>
<th>Form</th>
<th>Identity</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distillates (petroleum), solvent-de waxed heavy paraffinic (Nota L, -H45, &lt;3% dimethyl sulfoxide)</td>
<td>64742-65-0</td>
<td>Liquid</td>
<td>Asp., Tox.</td>
<td>1, H304</td>
</tr>
</tbody>
</table>

Additional information:
Note L: The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3 % DMSO extract as measured by IP 346 ‘Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fractions - Dimethyl sulfoxide extraction refractive index method’, Institute of Petroleum, London. This product meets these requirements.
For the listed ingredient(s), the identity and/or exact percentage(s) are being withheld as a trade secret.
For the wording of the listed Hazard Statements, refer to section 16.

4 First-aid measures

(Cont’d. on page 2)
**Trade name:** Bar's Leaks Power Steering Fix – Left & Right Sides

(Cont’d. of page 1)

**Description of first aid measures**
*After inhalation:* Supply fresh air; consult doctor in case of complaints.
*After skin contact:* Wash with soap and water. If skin irritation is experienced, consult a doctor.
*After eye contact:* Remove contact lenses if worn. Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
*After swallowing:* Rinse out mouth and then drink plenty of water. Do not induce vomiting; immediately call for medical help.

**Most important symptoms and effects, both acute and delayed:**
Slight irritant effect on skin and mucous membranes. Gastric or intestinal disorders when ingested. Nausea in case of ingestion.

**Indication of any immediate medical attention and special treatment needed:**
No relevant information available.

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**5 Fire-fighting measures**

**Extinguishing media**

**Suitable extinguishing agents:**
- Foam
- Fire-extinguishing powder
- Carbon dioxide
- Gaseous extinguishing agents

**For safety reasons unsuitable extinguishing agents:** Water

**Special hazards arising from the substance or mixture**
Formation of toxic gases is possible during heating or in case of fire.

**Advice for firefighters**

**Protective equipment:**
- Wear self-contained respiratory protective device.
- Wear fully protective suit.

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**6 Accidental release measures**

**Personal precautions, protective equipment and emergency procedures**
- Ensure adequate ventilation.
- Wear protective equipment. Keep unprotected persons away.
- Particular danger of slipping on leaked/spilled product.
- For large spills, use respiratory protective device against the effects of fumes/dust/aerosol.

**Environmental precautions**
- Do not allow to enter sewers/ surface or ground water.
- Prevent from spreading (e.g. by damming-in or oil barriers).
- Do not allow to penetrate the ground/soil.

**Methods and material for containment and cleaning up**
- Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- Remove from the water surface (e.g. skim or suck off).

(Cont’d. on page 3)
Trade name: Bar’s Leaks Power Steering Fix – Left & Right Sides

Send for recovery or disposal in suitable receptacles.

Reference to other sections
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

Handling
Precautions for safe handling:
Prevent formation of aerosols.
Use only in well ventilated areas.
Information about protection against explosions and fires: No special measures required.

Conditions for safe storage, including any incompatibilities
Requirements to be met by storerooms and receptacles:
Avoid storage near extreme heat, ignition sources or open flame.
Information about storage in one common storage facility:
Store away from foodstuffs.
Store away from oxidizing agents.
Specific end use(s) No relevant information available.

8 Exposure controls/personal protection

Control parameters
Components with limit values that require monitoring at the workplace:
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Exposure controls
General protective and hygienic measures:
The usual precautionary measures for handling chemicals should be followed.
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Do not inhale gases / fumes / aerosols.
Avoid contact with the eyes.
Avoid close or long term contact with the skin.
Engineering controls: No relevant information available.
Breathing equipment:
Not required under normal conditions of use.
Use suitable respiratory protective device when aerosol or mist is formed.
For spills, respiratory protection may be advisable.
Protection of hands:
Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
### 9 Physical and chemical properties

**Information on basic physical and chemical properties**

**Appearance:**
- **Form:** Liquid
- **Color:** According to product specification
- **Red**
- **Yellow**
- **Odor:** Petroleum-like
- **Odor threshold:** Not determined.

**pH-value:** Not determined.

**Melting point/Melting range:** Not determined.

**Boiling point/Boiling range:** Not determined.

**Flash point:** 257 °C (494.6 °F)
- The product is not flammable.

**Flammability (solid, gaseous):** Not applicable.

**Auto-ignition temperature:** Not determined.

**Decomposition temperature:** Not determined.

**Danger of explosion:** Product does not present an explosion hazard.

**Explosion limits**
- **Lower:** Not determined.
- **Upper:** Not determined.
- **Oxidizing properties:** Non-oxidizing.

**Vapor pressure:** Not determined.

**Density at 20 °C (68 °F):** 0.86 g/cm³ (7.18 lbs/gal)

**Relative density:** Not determined.

**Vapor density:** Not determined.

**Evaporation rate:** Not determined.

**Solubility in / Miscibility with**
- **Water:** Not miscible or difficult to mix.

**Partition coefficient (n-octanol/water):** Not determined.

**Viscosity**
- **Dynamic:** Not determined.
Trade name: Bar’s Leaks Power Steering Fix – Left & Right Sides

Kinematic at 25 °C (77 °F): 119 mm²/s
Other information: No relevant information available.

10 Stability and reactivity

Reactivity: No relevant information available.
Chemical stability: Stable under normal temperatures and pressures.
Thermal decomposition / conditions to be avoided:
No decomposition if used and stored according to specifications.

Possibility of hazardous reactions
Toxic fumes may be released if heated above the decomposition point.
Reacts with strong acids and oxidizing agents.

Conditions to avoid: Excessive heat.

Incompatible materials: Oxidizers

Hazardous decomposition products:
Carbon monoxide and carbon dioxide
Hydrocarbons

11 Toxicological information

Information on toxicological effects
Acute toxicity: Based on available data, the classification criteria are not met.

LD/LC50 values that are relevant for classification:

64742-65-0 Distillates (petroleum), solvent-dewaxed heavy paraffinic (Nota L, -R45, <3% dimethyl sulfoxide)

<table>
<thead>
<tr>
<th>Route</th>
<th>LD50</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral</td>
<td>LD50</td>
<td>&gt;5000 mg/kg (rat)</td>
</tr>
<tr>
<td>Dermal</td>
<td>LD50</td>
<td>&gt;5000 mg/kg (rabbit)</td>
</tr>
</tbody>
</table>

Primary irritant effect:
On the skin: Based on available data, the classification criteria are not met.
On the eye: Based on available data, the classification criteria are not met.
Sensitization: Based on available data, the classification criteria are not met.

Carcinogenic categories
IARC (International Agency for Research on Cancer):
Present in trace quantities.

OSHA-Ca (Occupational Safety & Health Administration):
Present in trace quantities.

Probable route(s) of exposure:

(Cont’d. on page 6)
### 12 Ecological information

**Toxicity**

**Aquatic toxicity** The material is harmful to the environment.

**Persistence and degradability** No relevant information available.

**Bioaccumulative potential** No relevant information available.

**Mobility in soil** No relevant information available.

**Ecotoxicological effects:**

**Remark:** Due to mechanical actions of the product (e.g. agglutinations), damages may occur.

**Additional ecological information**

**General notes:** Avoid release to the environment.

**Other adverse effects** No relevant information available.

### 13 Disposal considerations

**Waste treatment methods**

**Recommendation:**
Contact waste processors for recycling information.

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

**Uncleaned packagings**

**Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

<table>
<thead>
<tr>
<th>UN-Number</th>
<th>DOT, ADR/RID/ADN, IMDG, IATA</th>
<th>Not regulated.</th>
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</thead>
<tbody>
<tr>
<td><strong>UN proper shipping name</strong></td>
<td>DOT, ADR/RID/ADN, IMDG, IATA</td>
<td>Not regulated.</td>
</tr>
</tbody>
</table>

**Transport hazard class(es)**

(Cont’d. of page 7)
Trade name: Bar’s Leaks Power Steering Fix – Left & Right Sides

<table>
<thead>
<tr>
<th>DOT, ADR/RID/ADN, IMDG, IATA Class</th>
<th>Not regulated.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Packing group</td>
<td>Not regulated.</td>
</tr>
</tbody>
</table>

Environmental hazards
Marine pollutant: No

Special precautions for user
Not applicable.

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
Not applicable.

15 Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture
United States (USA)
SARA

Section 302 (extremely hazardous substances):
None of the ingredients are listed.

Section 355 (extremely hazardous substances):
None of the ingredients are listed.

Section 313 (Specific toxic chemical listings):
None of the ingredients are listed.

TSCA (Toxic Substances Control Act)
All ingredients are listed or exempt.

Proposition 65 (California)
Chemicals known to cause cancer:
Present in trace quantities.

71-43-2 Benzene
140-88-5 ethyl acrylate

Chemicals known to cause developmental toxicity for females:
None of the ingredients are listed.

Chemicals known to cause developmental toxicity for males:
Present in trace quantities.

71-43-2 Benzene

Chemicals known to cause developmental toxicity:
Present in trace quantities.

71-43-2 Benzene
108-88-3 Toluene

EPA (Environmental Protection Agency):
None of the ingredients are listed.

(Cont’d. of page 8)
Trade name: Bar's Leaks Power Steering Fix – Left & Right Sides

IARC (International Agency for Research on Cancer):
Present in trace quantities.

<table>
<thead>
<tr>
<th>Compound</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>71-43-2 Benzene</td>
<td>1</td>
</tr>
<tr>
<td>140-88-5 ethyl acrylate</td>
<td>2B</td>
</tr>
</tbody>
</table>

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Date of preparation / last revision June 21, 2019 / -

Abbreviations and acronyms:
LDLo: Lowest Lethal Dose Observed
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
OSHA: Occupational Safety & Health Administration
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
Asp. Tox. 1: Aspiration hazard – Category 1

Sources
Website, European Chemicals Agency (echa.europa.eu)
Website, US EPA Substance Registry Services (ofmpub.epa.gov/sor internet/registry/substreg/home/overview/home.do)
Website, Chemical Abstracts Registry, American Chemical Society (www.cas.org)
Safety Data Sheets, Individual Manufacturers

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