1 Identification

- Product identifier
  - Trade name: Bar’s Leaks Super Transmission Fix
  - Product code: 1416
- 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>Component</th>
<th>Identity</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>64742-55-8</td>
<td>Distillates (petroleum), hydrotreated light paraffinic</td>
<td>20-50%</td>
</tr>
<tr>
<td></td>
<td>Asp. Tox. 1, H304</td>
<td></td>
</tr>
<tr>
<td>Trade Secret Alkyl acetamide</td>
<td></td>
<td>&lt;1%</td>
</tr>
<tr>
<td>Skin Sens. 1B, H317</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Trade Secret Borate ester</td>
<td></td>
<td>&lt;1%</td>
</tr>
<tr>
<td>Skin Sens. 1B, H317</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Additional information:
  Petroleum-based ingredients pass the IP-346 assay for polycyclic aromatic compounds.
  For the wording of the listed Hazard Statements, refer to section 16.
  For the listed ingredient(s), the identity and/or exact percentage(s) are being withheld as a trade secret.

4 First-aid measures

(Cont'd. on page 2)
47.0.13 Description of first aid measures

· After inhalation: Supply fresh air; consult doctor in case of complaints.
· After skin contact:
  Clean with water and soap.
  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 eyes.
  Gastric or intestinal disorders
  Nausea in case of ingestion.
· Indication of any immediate medical attention and special treatment needed: Treat symptomatically.

5 Fire-fighting measures

· Extinguishing media
  · Suitable extinguishing agents:
    Foam
    Fire-extinguishing powder
    Gaseous extinguishing agents
    Carbon dioxide
  · 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.

6 Accidental release measures

· Personal precautions, protective equipment and emergency procedures
  Ensure adequate ventilation.
  Use personal protective equipment as required.
  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.
  Inform respective authorities in case of seepage into water course or sewage system.
  Prevent from spreading (e.g. by damming-in or oil barriers).
· 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).
7 Handling and storage

- Handling
  - Precautions for safe handling:
    Use only in well ventilated areas.
    Keep from heat and sources of ignition.
    Keep out of reach of children.
    Open and handle receptacle with care.
  - Information about protection against explosions and fires:
    Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

- 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.
    Store in cool, dry conditions in well sealed receptacles.
  - 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.
    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.

· **Eye protection:**

Safety glasses

· **Body protection:** Protective work clothing

**Limitation and supervision of exposure into the environment**

No relevant information available.

· **Risk management measures** No relevant information available.

### 9 Physical and chemical properties

**Information on basic physical and chemical properties**

- **Appearance:**
  - Form: Liquid
  - Color: According to product specification
  - 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:** >93 °C (>199.4 °F)
- **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:**
  - Relative density: <1
  - Vapor density: Not determined.
  - Evaporation rate: Not determined.

- **Solubility in / Miscibility with**
  - Water: Not miscible or difficult to mix.
### 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 according to specifications.
  - To avoid thermal decomposition, do not overheat.
- **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 and contact with oxidizers.
- **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:** None.
  - **Primary irritant effect:**
    - **On the skin:** Slight irritant effect on skin and mucous membranes.
    - **On the eye:** Slight irritant effect on eyes.
  - **Sensitization:** Based on available data, the classification criteria are not met.
- **Carcinogenic categories**
  - **IARC (International Agency for Research on Cancer):**
    - None in reportable quantities.
  - **NTP (National Toxicology Program):**
    - Present in trace quantities.
  - **OSHA-Ca (Occupational Safety & Health Administration):**
    - Present in trace quantities.
- **Probable route(s) of exposure:**
  - Ingestion.

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

**Toxicity**
- **Aquatic toxicity** No relevant information available.
- **Persistence and degradability** The product is partially biodegradable. Significant residuals remain.
- **Bioaccumulative potential**: No relevant information available.
- **Mobility in soil**: No relevant information available.
- **Ecotoxicity**
  - **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

- **UN-Number**
  - DOT, ADR, IMDG, IATA: Not regulated.
- **UN proper shipping name**
  - DOT, ADR, IMDG, IATA: Not regulated.
- **Transport hazard class(es)**
  - DOT, ADR, IMDG, IATA: Not regulated.
Trade name: Bar's Leaks Super Transmission Fix

- Packing group
  - DOT, ADR, IMDG, IATA
  Not regulated.

- 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.

- Proposition 65 (California)
  - Chemicals known to cause cancer:
    Present in trace quantities.
    
    | Chemical ID | Chemical Name |
    |-------------|---------------|
    | 71-43-2     | benzene       |
    | 512-56-1    | trimethyl phosphate |
    | 100-41-4    | Ethylbenzene   |
    | 91-20-3     | Naphthalene    |

  - 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.
    
    | Chemical ID | Chemical Name |
    |-------------|---------------|
    | 71-43-2     | benzene       |

  - Chemicals known to cause developmental toxicity:
    Present in trace quantities.
    
    | Chemical ID | Chemical Name |
    |-------------|---------------|
    | 67-56-1     | Methanol      |
    | 7446-09-5   | sulphur dioxide |
    | 71-43-2     | benzene       |
Trade name: Bar's Leaks Super Transmission Fix

| 108-88-3 | Toluene |
| 107-21-1 | Ethylene glycol |

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

**IARC (International Agency for Research on Cancer):**
None in reportable quantities.

**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** August 20, 2018 / -

- **Abbreviations and acronyms:**
  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
  PBT: Persistant, Bio-accumulable, Toxic
  vPvB: very Persistent and very Bioaccumulative
  OSHA: Occupational Safety & Health Administration
  TLV: Threshold Limit Value
  PEL: Permissible Exposure Limit
  REL: Recommended Exposure Limit
  Skin Sens. 1B: Skin sensitisation – Category 1B
  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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