1 Identification

- Product identifier
  - Trade name: Bar's Leaks® Rear Main Seal Repair Concentrate
  - Article number: 1040

- Recommended use and restriction on use
  - Recommended use: Treatment for oil leaks.
  - 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.
  - Precautionary statements: Not regulated.
  - NFPA ratings (scale 0 - 4)
    - Health = 0
    - Fire = 1
    - Reactivity = 0
  - HMIS-ratings (scale 0 - 4)
    - HEALTH Health = 0
    - FIRE Fire = 1
    - REACTIVITY Reactivity = 0

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

3 Composition/information on ingredients

- Chemical characterization: Mixtures
  - Components: None in reportable quantities.
  - Additional information:
    Note L: The classification as a carcinogen need not apply if it can be shown that the substance contains

(Cont'd. on page 2)
4 First-aid measures

- **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.
    Nausea in case of ingestion.
    Gastric or intestinal disorders when ingested.
  - **Indication of any immediate medical attention and special treatment needed**:
    No relevant information available.

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents**:
  - Carbon dioxide
  - Foam
  - Gaseous extinguishing agents
  - Fire-extinguishing powder
- **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 respirator protective device.
  - Wear fully protective suit.

6 Accidental release measures

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

- **Handling**
  - Precautions for safe handling:
    - Avoid splashes or spray in enclosed areas.
    - 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.
  - **Further information about storage conditions:**
    - Store in cool, dry conditions in well sealed receptacles.
    - Keep containers tightly sealed.
  - **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.
Trade name: Bar's Leaks® Rear Main Seal Repair Concentrate

- 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:
  Not required under normal conditions of use.
  Protection may be required for spills.
- Limitation and supervision of exposure into the environment: No special requirements.
- Risk management measures: No special requirements.

9 Physical and chemical properties

- Information on basic physical and chemical properties
  - Appearance:
    - Form: Liquid
    - Color: Dark yellow
    - Odor: Mild
    - Odor threshold: Not determined.
  - pH-value: Not determined.
  - Melting point/Melting range: Not determined.
  - Boiling point/Boiling range: Not determined.
  - Flash point: 221 °C (429.8 °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: Not determined.
  - Vapor pressure: Not determined.
  - Density: Not determined.
Trade name: Bar's Leaks® Rear Main Seal Repair Concentrate

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Relative density:</td>
<td>0.91</td>
</tr>
<tr>
<td>Vapor density:</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Evaporation rate:</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Solubility in / Miscibility with</td>
<td>Not miscible or difficult to mix.</td>
</tr>
<tr>
<td>Water:</td>
<td></td>
</tr>
<tr>
<td>Partition coefficient (n-octanol/water)</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Viscosity</td>
<td></td>
</tr>
<tr>
<td>Dynamic:</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Kinematic at 40 °C (104 °F):</td>
<td>173.3 mm²/s</td>
</tr>
<tr>
<td>Other information</td>
<td>No relevant information available.</td>
</tr>
</tbody>
</table>

10 Stability and reactivity

- **Reactivity**: No relevant information available.
- **Chemical stability**: 
  - **Thermal decomposition / conditions to be avoided**: No decomposition if used and stored 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**: None.
  - **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**: No sensitizing effects known.
  - **Carcinogenic categories**: None of the ingredients are listed.

- **IARC (International Agency for Research on Cancer)**: None of the ingredients are listed.
- **NTP (National Toxicology Program)**: None of the ingredients are listed.
- **OSHA-Ca (Occupational Safety & Health Administration)**: None of the ingredients are listed.
Trade name: Bar's Leaks® Rear Main Seal Repair Concentrate

- Probable route(s) of exposure:
  Ingestion.
  Eye contact.
  Skin contact.
- Germ cell mutagenicity: Based on available data, the classification criteria are not met.
- Carcinogenicity: Based on available data, the classification criteria are not met.
- Reproductive toxicity: Based on available data, the classification criteria are not met.
- STOT-single exposure: Based on available data, the classification criteria are not met.
- STOT-repeated exposure: Based on available data, the classification criteria are not met.
- Aspiration hazard: Based on available data, the classification criteria are not met.

12 Ecological information

- Toxicity
  - Aquatic toxicity No relevant information available.
  - 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.
    Can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.
    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.
### Trade name: Bar's Leaks® Rear Main Seal Repair Concentrate

- **Transport hazard class(es)**
  - DOT, ADR, IMDG, IATA
  - Class Not regulated.

- **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:**
    - None of the ingredients are listed.

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

  - **Chemicals known to cause developmental toxicity for males:**
    - None of the ingredients are listed.

  - **Chemicals known to cause developmental toxicity:**
    - None of the ingredients are listed.

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

- **IARC (International Agency for Research on Cancer):**
  - None of the ingredients are listed.
### 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** July 06, 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: Persistent, Bio-accumulable, Toxic
  - vPvB: very Persistent and very Bioaccumulative
  - NIOSH: National Institute for Occupational Safety and Health
  - TLV: Threshold Limit Value
  - PEL: Permissible Exposure Limit
  - REL: Recommended Exposure Limit

- **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

- **SDS Prepared by:**
  - ChemTel Inc.
  - 1305 North Florida Avenue
  - Tampa, Florida USA 33602-2902
  - Toll Free North America 1-888-255-3924 Intl. +01 813-248-0573
  - Website: www.chemtelinc.com