1 Identification of the substance/mixture and of the company/undertaking

- 1.1 Product identifier
  - Trade name: Bar's Leaks® Engine Oil Stop Leak Concentrate
  - Article number: 1010
  - CAS Number: 64742-52-5
  - EC number: 265-155-0
  - Index number: 649-465-00-7

- 1.2 Relevant identified uses of the substance or mixture and uses advised against
  No further relevant information available.

- Application of the substance / the preparation
  Treatment for oil leaks.
  Engine Oil Stop Leak

- 1.3 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
  - Further information obtainable from: Product Safety Department

- 1.4 Emergency telephone number:
  - ChemTel Inc.
    (800)255-3924, +1 (813)248-0585

2 Hazards identification

- 2.1 Classification of the substance or mixture
  - Classification according to Regulation (EC) No 1272/2008
    The substance is not classified according to the CLP regulation.
  - Information concerning particular hazards for human and environment: Not applicable.

- 2.2 Label elements
  - Labelling according to Regulation (EC) No 1272/2008: N/A
  - Hazard pictograms: N/A
  - Signal word: N/A
  - Hazard statements: N/A
  - Additional information: N/A
  - Hazard description:
  - WHMIS-symbols: Not hazardous under WHMIS.
  - NFPA ratings (scale 0 - 4)
    Health = 0
    Fire = 1
    Reactivity = 0

(Contd. on page 2)
Safety Data Sheet
according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and GHS

Trade name: Bar's Leaks® Engine Oil Stop Leak Concentrate

- HMIS-ratings (scale 0 - 4)
  - Health = 0
  - Fire = 1
  - Reactivity = 0

- HMIS Long Term Health Hazard Substances
  - Substance is not listed.

- 2.3 Other hazards
- Results of PBT and vPvB assessment
  - PBT: Not applicable.
  - vPvB: Not applicable.

3 Composition/information on ingredients

- 3.1 Substances
- CAS No. Description
  - 64742-52-5 Distillates (petroleum), hydrotreated heavy naphthenic
- Identification number(s)
- EC number: 265-155-0
- Index number: 649-465-00-7

- Impurities and stabilising additives:
  - CAS: 1330-86-5
  - EINECS: 215-553-5
  - Hexanedioic acid,1,6-diisooctyl ester

- 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 sulphoxide extraction refractive index method’, Institute of Petroleum, London. This product meets these requirements.

4 First aid measures

- 4.1 Description of first aid measures
- General information: Immediately remove any clothing soiled by the product.
- After inhalation: Supply fresh air; consult doctor in case of complaints.
- After skin contact:
  - Immediately wash with water and soap and rinse thoroughly.
  - If skin irritation continues, 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; call for medical help immediately.

(Contd. on page 3)
5 Firefighting measures

- 5.1 Extinguishing media
- Suitable extinguishing agents:
  - Foam
  - Fire-extinguishing powder
  - CO2. Do not use water.
- For safety reasons unsuitable extinguishing agents: Water with full jet
- 5.2 Special hazards arising from the substance or mixture
  - In case of fire, the following can be released:
    - Carbon monoxide (CO)
    - Under certain fire conditions, traces of other toxic gases cannot be excluded.
- 5.3 Advice for firefighters
- Protective equipment:
  - Wear self-contained respiratory protective device.
  - Wear fully protective suit.
- Additional information Cool endangered receptacles with water fog or haze.

6 Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures
  - Wear protective equipment. Keep unprotected persons away.
  - Ensure adequate ventilation
- 6.2 Environmental precautions:
  - Do not allow to enter sewers/surface or ground water.
  - Prevent from spreading (e.g. by damming-in or oil barriers).
- 6.3 Methods and material for containment and cleaning up:
  - Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
  - Send for recovery or disposal in suitable receptacles.
  - Do not flush with water or aqueous cleansing agents
- 6.4 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

- 7.1 Precautions for safe handling
  - Avoid the formation of oil haze.
  - Use only in well ventilated areas.
Safety Data Sheet
according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and GHS

Printing date 2/21/2013  Revision: 2/21/2013

Trade name: Bar's Leaks® Engine Oil Stop Leak Concentrate

- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
  - **Storage:**
  - Requiremets to be met by storerooms and receptacles: No special requirements.
  - Information about storage in one common storage facility:
    - Store away from foodstuffs.
    - Store away from oxidizing agents.
    - Store away from water.
  - **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.
- **7.3 Specific end use(s)** No further relevant information available.

### 8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **8.1 Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:** Not required.
- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **Personal protective equipment:**
  - **General protective and hygienic measures:**
    - The usual precautionary measures are to be adhered to when handling chemicals.
    - Keep away from foodstuffs, beverages and feed.
    - Avoid contact with the eyes.
  - **Respiratory protection:**
    - Not necessary if room is well-ventilated.
    - Use suitable respiratory protective device in case of insufficient ventilation.
- **Protection of hands:**
  - Protective gloves
  - Oil resistant gloves
  - **Material of gloves**
    - The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
- **Eye protection:**
  - Safety glasses
  - Goggles recommended during refilling
## 9 Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
  - **General Information**
    - **Appearance:**
      - Form: Liquid
      - Colour: Amber coloured
      - Odour: Mild
      - Odour threshold: Petroleum-like
    - **pH-value:** Not determined.
  - **Change in condition**
    - Melting point/Melting range: Undetermined.
    - Boiling point/Boiling range: > 250 °C
  - **Flash point:** 182 °C
  - **Flammability (solid, gaseous):** Not applicable.
  - **Ignition temperature:** Not determined.
  - **Decomposition temperature:** Not determined.
  - **Self-igniting:** Not determined.
  - **Danger of explosion:** Product does not present an explosion hazard.
  - **Explosion limits:**
    - Lower: Not determined.
    - Upper: Not determined.
  - **Vapour pressure:** Not determined.
  - **Density at 20 °C:** 0.93 g/cm³
  - **Relative density**
  - **Vapour density**
  - **Evaporation rate**
  - **Solubility in / Miscibility with water:** Insoluble.
  - **Partition coefficient (n-octanol/water):** Not determined.

- **9.2 Other information**
  - **Viscosity:**
    - Dynamic: Not determined.
    - Kinematic: Not determined.
  - **9.2 Other information**
    - No further relevant information available.
# Safety Data Sheet

according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and GHS

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**Trade name:** Bar’s Leaks® Engine Oil Stop Leak Concentrate

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### 10 Stability and reactivity

- **10.1 Reactivity**
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
  - No decomposition if used and stored according to specifications.
- **10.3 Possibility of hazardous reactions** Reacts with strong oxidizing agents.
- **10.4 Conditions to avoid** Store away from oxidizing agents.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:**
  - Carbon monoxide and carbon dioxide
  - Sulphur oxides (SOx)
  - Nitrogen oxides (NOx)

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### 11 Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:**
  - **LD/LC50 values relevant for classification:**
  - **64742-52-5 Distillates (petroleum), hydrotreated heavy naphthenic**
    - Oral LD50 >5000 mg/kg (rat)
    - Dermal LD50 >5000 mg/kg (rabbit)
    - Inhalative LC50/4 h 5 mg/l (rat)
  - **Primary irritant effect:**
    - on the skin: No irritant effect.
    - on the eye: No irritating effect.
    - Sensitization: Sensitizing effect by skin contact is possible by prolonged exposure.
  - **Additional toxicological information:**
    - When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.
    - The substance is not subject to classification according to the latest version of the EU lists.

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### 12 Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity**: The material is harmful to the environment.
- **12.2 Persistence and degradability** Not easily biodegradable
- **12.3 Bioaccumulative potential** May be accumulated in organism
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
  - **General notes:**
    - Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water
    - Danger to drinking water if even small quantities leak into the ground.

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(Contd. of page 5)

(Contd. on page 7)
### 13 Disposal considerations

- **13.1 Waste treatment methods**
  - **Recommendation:** Must not be disposed together with household garbage. Do not allow product to reach sewage system. Can be reused after reprocessing. Delivery of waste oil to officially authorized collectors only.

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

### 14 Transport information

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<tr>
<th>14.1 UN-Number</th>
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<td>DOT, ADR, ADN, IMDG, IATA</td>
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<td>DOT, ADR, IMDG, IATA</td>
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<td>14.5 Environmental hazards:</td>
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<td>Marine pollutant:</td>
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<td>14.6 Special precautions for user</td>
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<tr>
<td>14.7 Transport in bulk according to Annex II of</td>
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<tr>
<td>MARPOL73/78 and the IBC Code</td>
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<tr>
<td>UN &quot;Model Regulation&quot;:</td>
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### 15 Regulatory information

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

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<tr>
<th>Section 355 (extremely hazardous substances):</th>
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<th>TSCA (Toxic Substances Control Act):</th>
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<th>Chemicals known to cause reproductive toxicity for females:</th>
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- **Carcinogenic Categories**

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<th>EPA (Environmental Protection Agency)</th>
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<tr>
<th>IARC (International Agency for Research on Cancer)</th>
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<th>TLV (Threshold Limit Value established by ACGIH)</th>
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<tr>
<th>NIOSH-Ca (National Institute for Occupational Safety and Health)</th>
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<tr>
<th>OSHA-Ca (Occupational Safety &amp; Health Administration)</th>
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- **Canada**

<table>
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<th>Canadian Domestic Substances List (DSL)</th>
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<tbody>
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(Contd. of page 7)
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.

- **Abbreviations and acronyms:**
  - ADR: Accord européen sur le transport des marchandises dangereuses par Route (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
  - GHS: Globally Harmonized System of Classification and Labelling of Chemicals
  - ACGIH: American Conference of Governmental Industrial Hygienists EINECS:
  - European Inventory of Existing Commercial Chemical Substances CAS:
  - Chemical Abstracts Service (division of the American Chemical Society)
  - NFPA: National Fire Protection Association (USA)
  - HMIS: Hazardous Materials Identification System (USA)
  - WHMIS: Workplace Hazardous Materials Information System (Canada)
  - LC50: Lethal concentration, 50 percent
  - LD50: Lethal dose, 50 percent

- **Sources**

SDS Prepared by:
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Website: www.chemtelinc.com