

Safety Data Sheet

according to OSHA HCS (29CFR 1910.1200)

Revision: October 09, 2019

1 Identification

- **Product identifier**
- **Trade name:** Bar's Leaks Gasoline Treatment - Left Side
- **Product code:** 4700
- **Recommended use and restriction on use**
- **Recommended use:** Treatment for gasoline.
- **Restrictions on use:** No relevant information available.
- **Details of the supplier of the Safety Data Sheet**
- **Manufacturer/Supplier:**
Rislone
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**
Flam. Liq. 3 H226 Flammable liquid and vapor.
Acute Tox. 4 H302 Harmful if swallowed.
Acute Tox. 4 H312 Harmful in contact with skin.
Acute Tox. 4 H332 Harmful if inhaled.
Skin Irrit. 2 H315 Causes skin irritation.
Eye Irrit. 2A H319 Causes serious eye irritation.
- **Label elements**
- **GHS label elements**
The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms:**

 GHS02 GHS07
- **Signal word:** Warning
- **Hazard statements:**
H226 Flammable liquid and vapor.
H302+H312+H332 Harmful if swallowed, in contact with skin or if inhaled.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
- **Precautionary statements:**
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P233 Keep container tightly closed.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical/ventilating/lighting/equipment.
P242 Use only non-sparking tools.

(Cont'd. on page 2)

Safety Data Sheet

according to OSHA HCS (29CFR 1910.1200)

Revision: October 09, 2019

Trade name: Bar's Leaks Gasoline Treatment - Left Side

(Cont'd. of page 1)

| | |
|----------------|--|
| P243 | Take precautionary measures against static discharge. |
| P261 | Avoid breathing dust/fume/gas/mist/vapors/spray |
| P264 | Wash thoroughly after handling. |
| P270 | Do not eat, drink or smoke when using this product. |
| P271 | Use only outdoors or in a well-ventilated area. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| P301+P312 | If swallowed: Call a poison center/doctor if you feel unwell. |
| P330 | Rinse mouth. |
| P303+P361+P353 | If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. |
| P304+P340 | IF INHALED: Remove person to fresh air and keep comfortable for breathing. |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P332+P313 | If skin irritation occurs: Get medical advice/attention. |
| P362+P364 | Take off contaminated clothing and wash it before reuse. |
| P337+P313 | If eye irritation persists: Get medical advice/attention. |
| P370+P378 | In case of fire: Use for extinction: CO ₂ , powder or water spray. |
| P403+P235 | Store in a well-ventilated place. Keep cool. |
| P501 | Dispose of contents/container in accordance with local/regional/national/international regulations. |

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

3 Composition/information on ingredients

• **Chemical characterization: Mixtures**

• **Components:**

| | | |
|----------|---|------|
| 111-76-2 | 2-butoxyethanol ⚠ Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2A, H319 Flam. Liq. 4, H227 | >80% |
| 67-63-0 | Propan-2-ol ⚠ Flam. Liq. 2, H225 ⚠ Eye Irrit. 2A, H319; STOT SE 3, H336 | <10% |

• **Additional information:**

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

• **Description of first aid measures**

• **After inhalation:**

Supply fresh air; consult doctor in case of complaints.

Provide oxygen treatment if affected person has difficulty breathing.

• **After skin contact:**

Immediately remove any clothing soiled by the product.

Immediately wash with water and soap and rinse thoroughly.

Seek medical treatment in case of complaints.

• **After eye contact:**

(Cont'd. on page 3)

Safety Data Sheet

according to OSHA HCS (29CFR 1910.1200)

Revision: October 09, 2019

Trade name: Bar's Leaks Gasoline Treatment - Left Side

(Cont'd. of page 2)

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.

A person vomiting while lying on their back should be turned onto their side.

· **Most important symptoms and effects, both acute and delayed:**

Coughing

Dizziness

Breathing difficulty

Causes serious eye irritation.

Causes skin irritation.

· **Danger:** Harmful if swallowed, in contact with skin or if inhaled.

· **Indication of any immediate medical attention and special treatment needed:**

No relevant information available.

5 Fire-fighting measures

· **Extinguishing media**

· **Suitable extinguishing agents:**

Foam

Alcohol resistant foam

Gaseous extinguishing agents

Carbon dioxide

Fire-extinguishing powder

Water

· **For safety reasons unsuitable extinguishing agents:** No relevant information available.

· **Special hazards arising from the substance or mixture**

In case of fire, the following can be released:

Carbon monoxide, carbon dioxide.

· **Advice for firefighters**

· **Protective equipment:**

Wear self-contained respiratory protective device.

Wear fully protective suit.

· **Additional information:**

Use large quantities of foam as it is partially destroyed by the product.

Cool endangered receptacles with water spray.

6 Accidental release measures

· **Personal precautions, protective equipment and emergency procedures**

Use respiratory protective device against the effects of fumes/dust/aerosol.

Keep away from ignition sources.

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation.

· **Environmental precautions**

Do not allow to enter sewers/ surface or ground water.

Prevent from spreading (e.g. by damming-in or oil barriers).

(Cont'd. on page 4)

Safety Data Sheet

according to OSHA HCS (29CFR 1910.1200)

Revision: October 09, 2019

Trade name: Bar's Leaks Gasoline Treatment - Left Side

(Cont'd. of page 3)

Inform respective authorities in case of seepage into water course or sewage system.

- **Methods and material for containment and cleaning up**

Absorb with non-combustible liquid-binding material (sand, diatomite, acid binders, universal binders).

Remove from the water surface (e.g. skim or suck off).

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:**

Keep out of reach of children.

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

Avoid breathing mist, vapors, or spray.

Avoid contact with the eyes and skin.

- **Information about protection against explosions and fires:**

Keep respiratory protective device available.

Keep ignition sources away - Do not smoke.

- **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:**

111-76-2 2-butoxyethanol

| | |
|---------------|---|
| PEL (USA) | Long-term value: 240 mg/m ³ , 50 ppm Skin |
| REL (USA) | Long-term value: 24 mg/m ³ , 5 ppm Skin |
| TLV (USA) | Long-term value: 97 mg/m ³ , 20 ppm BEI |
| EL (Canada) | Long-term value: 20 ppm |
| EV (Canada) | Long-term value: 20 ppm Skin |
| LMPE (Mexico) | Long-term value: 20 ppm |

(Cont'd. on page 5)

Safety Data Sheet

according to OSHA HCS (29CFR 1910.1200)

Revision: October 09, 2019

Trade name: Bar's Leaks Gasoline Treatment - Left Side

(Cont'd. of page 4)

A3, IBE

67-63-0 Propan-2-ol

| | |
|---------------|--|
| PEL (USA) | Long-term value: 980 mg/m ³ , 400 ppm |
| REL (USA) | Short-term value: 1225 mg/m ³ , 500 ppm Long-term value: 980 mg/m ³ , 400 ppm |
| TLV (USA) | Short-term value: 984 mg/m ³ , 400 ppm Long-term value: 492 mg/m ³ , 200 ppm BEI |
| EL (Canada) | Short-term value: 400 ppm Long-term value: 200 ppm |
| EV (Canada) | Short-term value: 400 ppm Long-term value: 200 ppm |
| LMPE (Mexico) | Short-term value: 400 ppm Long-term value: 200 ppm A4, IBE |

- **Ingredients with biological limit values:**

111-76-2 2-butoxyethanol

| | |
|-----------|--|
| BEI (USA) | 200 mg/g creatinine Medium: urine Time: end of shift Parameter: Butoxyacetic acid with hydrolysis |
|-----------|--|

67-63-0 Propan-2-ol

| | |
|-----------|---|
| BEI (USA) | 40 mg/L Medium: urine Time: end of shift at end of workweek Parameter: Acetone (background, nonspecific) |
|-----------|---|

- **Exposure controls**

- **General protective and hygienic measures:**

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 and skin.

- **Engineering controls:** No relevant information available.

- **Breathing equipment:**

Use suitable respiratory protective device in case of insufficient ventilation.
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:**

(Cont'd. on page 6)

Safety Data Sheet

according to OSHA HCS (29CFR 1910.1200)

Revision: October 09, 2019

Trade name: Bar's Leaks Gasoline Treatment - Left Side

(Cont'd. of page 5)



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: Light 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: 40.2 °C (104.4 °F)

· Flammability (solid, gaseous): Not applicable.

· Auto-ignition temperature: Not determined.

· Decomposition temperature: Not determined.

· **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapor mixtures are possible.

· Explosion limits

Lower: Not determined.

Upper: Not determined.

· Oxidizing properties: Non-oxidizing.

· Vapor pressure: Not determined.

· Density:

Relative density at 25 °C (77 °F): 0.78-0.80

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.

Kinematic: Not determined.

· **Other information** No relevant information available.

(Cont'd. on page 7)

Safety Data Sheet

according to OSHA HCS (29CFR 1910.1200)

Revision: October 09, 2019

Trade name: Bar's Leaks Gasoline Treatment - Left Side

(Cont'd. of page 6)

10 Stability and reactivity

- **Reactivity:** No relevant information available.
- **Chemical stability:**
- **Thermal decomposition / conditions to be avoided:**
Keep away from heat and direct sunlight.
Avoid open flame, ignition sources, contact with incompatible substances.
- **Possibility of hazardous reactions**
Flammable liquid and vapor.
Used empty containers may contain product gases which form explosive mixtures with air.
Can form explosive mixtures in air if heated above flash point and/or when sprayed or atomized.
Reacts with oxidizing agents.
- **Conditions to avoid** Excessive heat.
- **Incompatible materials** Oxidizers
- **Hazardous decomposition products** Carbon monoxide and carbon dioxide

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
Harmful if swallowed.
Harmful in contact with skin.
Harmful if inhaled.

- **LD/LC50 values that are relevant for classification:**

ATE (Acute Toxicity Estimate)

| | | |
|------------|---------|-----------------------|
| Oral | LD50 | 1591 mg/kg (rat) |
| Dermal | LD50 | 1076-2151 mg/kg (rat) |
| Inhalative | LC50/4h | 11.5 mg/l |

111-76-2 2-butoxyethanol

| | | |
|------------|---------|-----------------------------------|
| Oral | LD50 | 1480 mg/kg (rat) |
| Dermal | LD50 | 1001-2000 mg/kg (rat) (Estimated) |
| Inhalative | LC50/4h | 450 ppm (rat) |

- **Primary irritant effect:**
- **On the skin:** Irritant to skin and mucous membranes.
- **On the eye:** Causes eye irritation.
- **Sensitization:** No sensitizing effects known.

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer):**

| | | |
|----------|--------------|----|
| 100-41-4 | Ethylbenzene | 2B |
| 91-20-3 | Naphthalene | 2B |

- **NTP (National Toxicology Program):**

| | | |
|---------|--------------------------|---|
| 97-56-3 | 4-o-tolylazo-o-toluidine | R |
| 91-20-3 | Naphthalene | R |

(Cont'd. on page 8)

Safety Data Sheet

according to OSHA HCS (29CFR 1910.1200)

Revision: October 09, 2019

Trade name: Bar's Leaks Gasoline Treatment - Left Side

(Cont'd. of page 7)

· **OSHA-Ca (Occupational Safety & Health Administration):**

None of the ingredients are listed.

· **Probable route(s) of exposure:**

Ingestion.

Inhalation.

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:** Does not accumulate in organisms

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

· **Additional ecological information**

· **General notes:**

Avoid transfer into the environment.

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

· **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**

NA1993

· **ADR/RID/ADN, IMDG, IATA**

UN1993

(Cont'd. on page 9)

Safety Data Sheet

according to OSHA HCS (29CFR 1910.1200)

Revision: October 09, 2019

Trade name: Bar's Leaks Gasoline Treatment - Left Side

(Cont'd. of page 8)

| | |
|--|--|
| <ul style="list-style-type: none"> · UN proper shipping name · DOT · ADR/RID/ADN, IMDG, IATA | Combustible liquid, n.o.s. (Isopropanol, 2-butoxyethanol) FLAMMABLE LIQUID, N.O.S. (ISOPROPANOL, 2-butoxyethanol) |
|--|--|

- **Transport hazard class(es)**

- **DOT**



| | |
|--|--------|
| <ul style="list-style-type: none"> · Class · Label | 3 3 |
|--|--------|

- **ADR/RID/ADN**



| | |
|--|-------------|
| <ul style="list-style-type: none"> · Class · Label | 3 (F1) 3 |
|--|-------------|

- **IMDG, IATA**



| | |
|--|--------|
| <ul style="list-style-type: none"> · Class · Label | 3 3 |
|--|--------|

- **Packing group**

- **DOT, ADR/RID/ADN, IMDG, IATA** III

- **Environmental hazards**

- **Marine pollutant:** No

- **Special precautions for user**

| | |
|--|--|
| <ul style="list-style-type: none"> · Danger code (Kemler): · EMS Number: | Warning: Flammable liquids 30 F-E, S-E |
|--|--|

- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable.

- **Transport/Additional information:**

- **DOT** Classified as combustible under US DOT regulations. Labeling is only required for single packages 119 US gal / 450 L.

- **ADR/RID/ADN**

(Cont'd. on page 10)

Safety Data Sheet

according to OSHA HCS (29CFR 1910.1200)

Revision: October 09, 2019

Trade name: Bar's Leaks Gasoline Treatment - Left Side

(Cont'd. of page 9)



Limited Quantity for packages less than 30 kg gross and inner packagings less than 5 L.

· **IMDG**



Limited Quantity for packages less than 30 kg gross and inner packagings less than 5 L.

· **IATA**



Limited Quantity for packages less than 30 kg gross and inner packagings less than 5 L each / 10 L net.

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):**

All 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.

| | |
|----------|--------------------------|
| 97-56-3 | 4-o-tolylazo-o-toluidine |
| 842-07-9 | C.I. Solvent Yellow 14 |
| 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:**

None of the ingredients are listed.

· **Chemicals known to cause developmental toxicity:**

107-21-1 Ethylene glycol

(Cont'd. on page 11)

Safety Data Sheet

according to OSHA HCS (29CFR 1910.1200)

Revision: October 09, 2019

Trade name: Bar's Leaks Gasoline Treatment - Left Side

(Cont'd. of page 10)

· **EPA (Environmental Protection Agency):**

| | | |
|----------|-----------------|----|
| 111-76-2 | 2-butoxyethanol | NL |
|----------|-----------------|----|

· **IARC (International Agency for Research on Cancer):**

| | | |
|----------|--------------------------|----|
| 97-56-3 | 4-o-tolylazo-o-toluidine | 2B |
| 100-41-4 | Ethylbenzene | 2B |
| 91-20-3 | Naphthalene | 2B |

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.

· **Relevant phrases**

H225 Highly flammable liquid and vapor.

H227 Combustible liquid.

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H336 May cause drowsiness or dizziness.

· **Date of preparation / last revision** October 09, 2019 / -

· **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

OSHA: Occupational Safety & Health Administration

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

BEI: Biological Exposure Limit

Flam. Liq. 2: Flammable liquids – Category 2

Flam. Liq. 3: Flammable liquids – Category 3

Flam. Liq. 4: Flammable liquids – Category 4

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

· **Sources**

Website, European Chemicals Agency (echa.europa.eu)

Website, US EPA Substance Registry Services (ofmpub.epa.gov/sorinternet/registry/substreg/home/overview/home.do)

Website, Chemical Abstracts Registry, American Chemical Society (www.cas.org)

Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: 978-0-470-07488-6

Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaasen, Curtis D., ed., ISBN: 978-0-07-176923-5.

Safety Data Sheets, Individual Manufacturers

SDS Prepared by:

(Cont'd. on page 12)

Safety Data Sheet
according to OSHA HCS (29CFR 1910.1200)

Revision: October 09, 2019

Trade name: Bar's Leaks Gasoline Treatment - Left Side

(Cont'd. of page 11)

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