

Servaas Laboratories, Inc.

Safety Data Sheet

1. Identification

Product name: Bar Keepers Friend Cooktop
Recommended use: Consumer uses,Cleaner
Restrictions on use: None known
Supplier: Servaas Laboratories, Inc.
 5240 Walt Place
 Indianapolis, IN 46254
 T 1-800-433-5818 (for USA callers)
Emergency number: 1-800-424-9300 (CHEMTREC)
 (Chemical Spills, Leaks, Fire, Exposure or Accident only):
 CHEMTREC 1-800-424-9300 (in the US), 1-703-527-3887 (Outside
 the US)
Issue date: 11/24/2024

2. Hazard(s) identification

Classification:

Physical hazards	Health hazards
Not classified	Eye irritation Category 2A

GHS US labeling:

Warning!



Hazard statements (GHS US)	Precautionary statements (GHS US)
H319 - Causes serious eye irritation	P264 - Wash hands thoroughly after handling. P280 - Wear eye protection. P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 - If eye irritation persists: Get medical advice/attention. P501 - Dispose of contents/container to an approved waste disposal plant.

3: Composition/Information on ingredients

Component	CAS-No.	Amount (%)
Non-Hazardous Ingredients	Mixture	80 – 95
Citric acid	77-92-9	1 – 5

Component	CAS-No.	Amount (%)
Glycerin	56-81-5	1 – 5
C9-11 Ethoxylated Alcohol	68439-46-3	1 – <3
Dipropylene glycol monomethyl ether	34590-94-8	1 – <3
2-(2-butoxyethoxy)ethanol	112-34-5	1 – <3

4. First-aid measures

Inhalation: Move the affected person to fresh air. Get medical attention if symptoms occur.

Skin: Rinse with water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.

Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion: Rinse mouth out with water. Do NOT induce vomiting. Call a poison center or a doctor if you feel unwell.

Most Important Symptoms/Effects: Causes serious eye irritation, May cause slight irritation to the skin

Immediate medical attention and special treatment, if necessary: Treat symptomatically.

5. Fire-fighting measures

Suitable extinguishing media: Use extinguishing media appropriate for surrounding fire.

Unsuitable extinguishing media: None.

Fire hazard: This product is not classified as flammable or combustible. Thermal decomposition generates: Formic acid. Carbon oxides (CO, CO₂).

Special protective equipment and precautions for fire-fighters: Do not attempt to take action without suitable protective equipment.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: Wear suitable protective clothing. Avoid contact with eyes, skin and clothing.

Methods and material for containment and cleaning up: Collect spillage. Take up liquid spill into absorbent material. Place in a suitable container for disposal in accordance with the waste regulations (see Section 13).

7. Handling and storage

Precautions for safe handling: Wear personal protective equipment. Avoid contact with eyes, skin and clothing. Wash hands with water and soap. Ensure adequate ventilation. Do not mix with other products. Empty containers retain product residue and can be hazardous.

Storage conditions: Store in a cool, well-ventilated place. Keep in original containers.

8. Exposure controls/personal protection

Exposure guidelines:	
Citric acid	None established.
C9-11 Ethoxylated Alcohol	None established.
Non-Hazardous Ingredients	None established.
Glycerin	15 mg/m ³ (Total dust) 5 mg/m ³ (Respirable fraction) TWA OSHA PEL;
Dipropylene glycol monomethyl ether	600 mg/m ³ TWA OSHA PEL; 100 ppm TWA OSHA PEL;

2-(2-butoxyethoxy)ethanol	50 ppm TWA ACGIH TLV; 10 ppm (IFV - Inhalable fraction and vapor) TWA ACGIH TLV;
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Appropriate engineering controls: No particular/specific measures required.

Environmental exposure controls: Avoid release to the environment.

Personal protective equipment:

Hand protection: None under normal conditions

Eye protection: Avoid contact with eyes. If there is a risk of liquid being splashed : Chemical goggles or safety glasses

Skin and body protection: None under normal conditions

Respiratory protection: Not required for normal conditions of use. In operations where exposure limits are exceeded or exposure levels are excessive, an approved respirator should be used. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations and good Industrial Hygiene practice.

9. Physical and chemical properties

Appearance: White to off-white. Dispersion.

Physical state	: Liquid	Solubility	: Partially soluble.
Color	: White to off-white	Partition coefficient n-octanol/water (Log Pow)	: No data available
Odor	: citrus-like	Auto-ignition temperature	: No data available
Odor threshold	: No data available	Decomposition temperature	: No data available
pH	: 2.6	Viscosity, kinematic	: No data available
Melting point	: Not applicable	Viscosity, dynamic	: 2311 cP
Freezing point	: No data available	Explosion limits	: No data available
Boiling point	: No data available	Explosive properties	: No data available
Flash point	: Not flammable	Oxidizing properties	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available		
Flammability	: Not applicable.		
Vapor pressure	: No data available		
Relative vapor density at 20°C	: No data available		
Relative density	: 1.283		

No additional information available

10. Stability and reactivity

Reactivity: The product is non-reactive under normal conditions of use, storage and transport.

Chemical stability: Stable under normal conditions.

Possibility of hazardous reactions: No dangerous reactions known under normal conditions of use.

Conditions to avoid: None known.

Incompatible materials : Strong oxidizers. Strong bases. Ammonia.

Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological information

Inhalation: May cause minor irritation to the respiratory tract and to other mucous membranes.

Skin: May cause slight irritation to the skin.

Eyes: Causes serious eye irritation.

Ingestion: May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic symptoms: None known.

Carcinogenicity:

Citric acid:

Not classified

This component is not listed as a carcinogen or suspected carcinogen by IARC, NTP, ACGIH, OSHA or the EU CLP.

C9-11 Ethoxylated Alcohol:

This component is not listed as a carcinogen or suspected carcinogen by IARC, NTP, ACGIH, OSHA or the EU CLP.

Non-Hazardous Ingredients:

This component is not listed as a carcinogen or suspected carcinogen by IARC, NTP, ACGIH, OSHA or the EU CLP.

Glycerin:

This component is not listed as a carcinogen or suspected carcinogen by IARC, NTP, ACGIH, OSHA or the EU CLP.

Dipropylene glycol monomethyl ether:

This component is not listed as a carcinogen or suspected carcinogen by IARC, NTP, ACGIH, OSHA or the EU CLP.

2-(2-butoxyethoxy)ethanol:

This component is not listed as a carcinogen or suspected carcinogen by IARC, NTP, ACGIH, OSHA or the EU CLP.

Germ cell mutagenicity:

Reproductive toxicity:

Not classified

Not classified

Acute toxicity (oral)

: Not classified

Acute toxicity (dermal)

: Not classified

Acute toxicity (inhalation)

: Not classified

Numerical measures of toxicity:

The following are the toxicity values for the components:

Citric acid

5400 mg/kg bodyweight Animal: mouse, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 4500 - 6400 LD50 oral; > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) LD50 dermal rat

C9-11 Ethoxylated Alcohol

> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) LD50 dermal rat; > 1.6 mg/l/4h Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity) LC50 Inhalation - Rat

Non-Hazardous Ingredients

No data available

Glycerin

25000 mg/kg bodyweight LD50 oral; 27200 mg/kg (OECD 401: Acute Oral Toxicity, Rat, Female, Experimental value, Oral) LD50 oral rat; 56750 mg/kg (4 day(s), Guinea pig, Male / female, Experimental value, Dermal, 14 day(s)) LD50 dermal; > 5.85 mg/l LC50 Inhalation - Rat (Dust/Mist)

Dipropylene glycol monomethyl ether

> 5000 mg/kg LD50 oral rat; 9510 mg/kg LD50 dermal rabbit

2-(2-butoxyethoxy)ethanol	2410 mg/kg bodyweight LD50 oral rat; 2764 mg/kg bodyweight Animal: rabbit, Animal sex: male, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), 95% CL: 2090 - 3645 LD50 dermal rabbit
Skin corrosion/irritation	Not classified
Serious eye damage/irritation	pH: 2.6 Causes serious eye irritation.
Respiratory or skin sensitization	Not classified
STOT-single exposure	Not classified
STOT-repeated exposure	Not classified
Aspiration hazard	Not classified

12. Ecological information

Ecology - general: Harmful to aquatic life.

Ecotoxicity:

C9-11 Ethoxylated Alcohol

mg/l Min: 5 Max: 7 Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) LC50 - Fish [1]; 2.5 mg/l Test organisms (species): Daphnia magna EC50 - Crustacea [1]

Glycerin

54000 mg/l (96 h, Salmo gairdneri, Static system, Fresh water, Experimental value, Lethal) LC50 - Fish [1]; > 10000 mg/l (24 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect) EC50 - Crustacea [1]; > 10000 mg/l waterflea EC50 - Other aquatic organisms [1]; > 10000 mg/l EC50 - Other aquatic organisms [2]

Dipropylene glycol monomethyl ether

> 1000 mg/l Poecilia reticulata (Guppy) LC50 - Fish [1]; 1919 mg/l Daphnia magna (Water flea) EC50 - Crustacea [1]; > 969 mg/l Raphidocelis subcapitata EC50 72h - Algae [1]

2-(2-butoxyethoxy)ethanol

1300 mg/l Test organisms (species): Lepomis macrochirus LC50 - Fish [1]; > 100 mg/l Daphnia magna (Water flea) EC50 - Crustacea [1]; 1100 mg/l EC50 72h - Algae [1]

Persistence and degradability:

C9-11 Ethoxylated Alcohol:

No data available

Non-Hazardous Ingredients:

Readily biodegradable.

Glycerin:

No data available.

2-(2-butoxyethoxy)ethanol:

Readily biodegradable in water.

Bioaccumulative potential:

Readily biodegradable.

Glycerin:

No data available

2-(2-butoxyethoxy)ethanol:

LOG POW-1.75 (Experimental value, Equivalent or similar to OECD 107, 25 °C);

Mobility in soil:

LOG POW0.56;

No data available

Other adverse effects:

No data available

13. Disposal considerations

Regional waste regulation: Dispose of in accordance with applicable federal, state, and local regulations.

14. Transport information

Department of Transportation (DOT)

Not regulated for transport

Transport by sea

Not regulated for transport

Air transport

Not regulated for transport

15. Regulatory information

SARA Section 313 - Emission Reporting:

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

2-(2-butoxyethoxy)ethanol	112-34-5	1 – 5%
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CERCLA Section 103:

This product is not subject to reporting under CERLCA. However, many states have more stringent reporting requirements. Report all spills in accordance with local, state, and federal regulations.

SARA 302:

Not applicable

SARA Section 311/312 Hazard Classes:

Refer to Section 2 for OSHA Hazard Classification.

California Proposition 65:

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

TSCA: All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

California SB258 Disclosure

CAS#	Ingredient Name	Function	California List/Website Active Link Reference
7732-18-5	Water	<i>Carrier</i>	No
65997-17-3	Glass Oxide	<i>Abrasive</i>	No
77-92-9	Citric Acid	<i>Descaler</i>	No
56-81-5	Glycerin	<i>Emollient</i>	No
68439-46-3	Alcohol Ethoxylates	<i>Surfactant</i>	No
34590-94-8	Dipropylene Glycol Methyl Ether	<i>Solvent</i>	No
112-34-5	Diethylene Glycol Butyl Ether	<i>Solvent</i>	CA TAC
1302-78-9	Smectite Clay	<i>Suspending Agent</i>	No
Trade Secret	Polysaccharide	<i>Thickener</i>	No
9005-64-5	Polysorbate 20	<i>Fragrance Ingredient</i>	No
8008-57-9	Citrus Aurantium Dulcis Peel	<i>Fragrance Ingredient</i>	No

16. Other information

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Supersedes : 06/30/2023

NOTICE

The information presented herein is based on available data from reliable sources and is correct to the best of SerVaas Laboratories, Inc.'s knowledge. SerVaas Laboratories, Inc. makes no warranty, express nor implied, regarding the accuracy of the data or the results obtained from the use of this product. The user is solely responsible for determining the suitability of any material or product for a specific purpose and for adopting any appropriate safety precautions. SerVaas Laboratories, Inc. disclaims all liability for injury or damage stemming from any improper use of the material or product described herein.