

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;

	50 ppm TWA ACGIH TLV;
2-(2-butoxyethoxy)ethanol	10 ppm (IFV - Inhalable fraction and vapor) TWA ACGIH TLV;

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

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: Not classified

Citric acid: 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: Not classified

Reproductive toxicity: 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 pH: 2.6
Serious eye damage/irritation	Causes serious eye irritation. pH: 2.6
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.
2-(2-butoxyethoxy)ethanol:	Readily biodegradable.

Bioaccumulative potential:

Glycerin:	No data available
2-(2-butoxyethoxy)ethanol:	LOG POW-1.75 (Experimental value, Equivalent or similar to OECD 107, 25 °C);
2-(2-butoxyethoxy)ethanol:	LOG POW0.56;

Mobility in soil:

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%
---------------------------	----------	--------

CERCLA Section 103:

This product is not subject to reporting under CERCLA. 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	Carrier	No
65997-17-3	Glass Oxide	Abrasive	No
77-92-9	Citric Acid	Descaler	No
56-81-5	Glycerin	Emollient	No
68439-46-3	Alcohol Ethoxylates	Surfactant	No
34590-94-8	Dipropylene Glycol Methyl Ether	Solvent	No
112-34-5	Diethylene Glycol Butyl Ether	Solvent	CA TAC
1302-78-9	Smectite Clay	Suspending Agent	No
Trade Secret	Polysaccharide	Thickener	No
9005-64-5	Polysorbate 20	Fragrance Ingredient	No
8008-57-9	Citrus Aurantium Dulcis Peel	Fragrance Ingredient	No

16. Other information

Issue date : 11/24/2024
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.