

**SECTION I - IDENTIFICATION**

Product identifier

**Product Name:** Bar Keepers Friend Coffee Maker Carafe & Thermos Cleaner

Other means of identification

**Product Codes(s):** 1424181

Recommended use of the chemical and restrictions on use

**Recommended use:** General Purpose Cleaner - Non-aerosol

**Restrictions on use:** No information available

Details of the supplier of the safety data sheet

**Supplier Name:** SerVaas Laboratories, Inc  
5240 Walt Place  
Indianapolis, IN 46254-5795  
USA

**Company Telephone Number:** 1-800-433-5818 (for USA callers)  
1-317-636-7760 (for non-USA callers)

**Email:** sison@barkeepersfriend.com

**Emergency Phone Number:** 1-800-424-9300 (CHEMTREC)

**SECTION 2 - HAZARDS IDENTIFICATION**

<b>Classification:</b>	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 1

**Appearance:** Clear to slightly cloudy

**Physical state:** Liquid

**Odor:** Characteristic

GHS Label elements, including precautionary statements

**Danger**

**Hazard statements:** Causes skin irritation. Causes serious eye damage.



**Precautionary Statements**

**- Prevention:** Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/eye protection/face protection.

**Precautionary Statements**

**- Response:** Specific treatment (see supplemental first aid instructions on this label).

**Eyes** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing Immediately call a POISON CENTER or doctor.

**Skin** IF ON SKIN: Wash with plenty of water and soap. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

**Other information**

**Unknown acute toxicity:** 6 % of the mixture consists of ingredient(s) of unknown toxicity.  
 0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity  
 6 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity  
 6 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)  
 6 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)  
 6 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

**SECTION 3 - COMPOSITION / INFORMATION ON THE INGREDIENTS**

**Substance:** Not applicable

**Mixture:**

Chemical name	CAS No	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Sodium metasilicate	6834-92-0	3	-	-
Supplier Trade Secret	-	0 - 10%	-	-

**SECTION 4 - FIRST AID MEASURES**

**General advice:** Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.

**Inhalation:** Remove to fresh air. Get medical attention immediately if symptoms occur.

**Eye contact:** Get immediate medical advice/attention. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area.

**Skin contact:** Wash off immediately with soap and plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists.

**Ingestion:** Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician.

**Self-protection of the first aider:** Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).

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

**Symptoms:** Burning sensation.

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

**Note to physicians:** Treat symptomatically.

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**SECTION 5 - FIREFIGHTING MEASURES**

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**Suitable extinguishing media:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media:** CAUTION: Use of water spray when fighting fire may be inefficient.

**Specific hazards arising from the chemical:** No information available.

**Hazardous Combustion Products:** Carbon oxides.

**Explosion Data:**

**Sensitivity to Mechanical Impact:** None

**Sensitivity to Static Discharge:** None

**Special protective equipment and precautions for fire-fighters:** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

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**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

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

**Personal precautions:** Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required.

**Other Information:** Refer to protective measures listed in Sections 7 and 8.

**Methods and materials for containment and cleaning up**

**Methods for containment:** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up:** Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

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**SECTION 7 - HANDLING AND STORAGE**

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**Precautions for safe handling**

**Advice on safe handling:** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions:** Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children.

**SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION****Control parameters****Exposure Limits:**

<b>Chemical name</b>	<b>ACGIH TLV</b>	<b>OSHA PEL</b>	<b>NIOSH IDLH</b>
Supplier Trade Secret	TWA: 10 mg/m <sup>3</sup> mist	TWA: 15 mg/m <sup>3</sup> mist, total particulate TWA: 5 mg/m <sup>3</sup> mist, respirable fraction (vacated) TWA: 10 mg/m <sup>3</sup> mist, total particulate (vacated) TWA: 5 mg/m <sup>3</sup> mist, respirable fraction	

<b>Chemical name</b>	<b>Alberta</b>	<b>British Columbia</b>	<b>Ontario TWAEV</b>	<b>Quebec</b>
Supplier Trade Secret	TWA: 10 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup> TWA: 3 mg/m <sup>3</sup>		TWA: 10 mg/m <sup>3</sup>

**Other Exposure Guidelines:** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

**Appropriate engineering controls**

**Engineering controls:** Showers. Eyewash stations. Ventilation systems.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection:** Tight sealing safety goggles.

**Hand protection:** Wear suitable gloves. Impervious gloves.

**Skin and body protection:** Wear suitable protective clothing. Long sleeved clothing.

**Respiratory protection:** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**General hygiene considerations:** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical state:</b>	Liquid	
<b>Appearance:</b>	Clear to slightly cloudy	
<b>Odor:</b>	Characteristic	
<b>Color:</b>	No information available	
<b>Odor threshold:</b>	Not applicable	
<b>Property</b>	<b>Values</b>	<b>Rmarks Method</b>
<b>pH:</b>	11	
<b>Melting / freezing point:</b>	No data available	None known
<b>Boiling point / boiling range:</b>	No data available	None known
<b>Flash Point:</b>	No data available	None known
<b>Evaporation Rate</b>	No data available	None known
<b>Flammability (solid, gas):</b>	No data available	None known
<b>Flammability Limit in Air:</b>		None known
<b>Upper flammability limit:</b>	No data available	

<b>Lower flammability limit:</b>	No data available	
<b>Vapor pressure:</b>	No data available	None known
<b>Vapor density:</b>	No data available	None known
<b>Relative density:</b>	1.040	
<b>Water Solubility:</b>	Completely soluble	
<b>Solubility(ies):</b>	No data available	None known
<b>Partition coefficient: n-octanol/water:</b>	Not applicable	
<b>Autoignition temperature:</b>	No data available	None known
<b>Decomposition temperature:</b>	No data available	None known
<b>Kinematic viscosity:</b>	No data available	None known
<b>Dynamic viscosity:</b>	No data available	None known

#### **Other Information**

<b>Explosive properties:</b>	No information available
<b>Oxidizing properties:</b>	No information available
<b>Softening Point:</b>	No information available
<b>Molecular Weight:</b>	No information available
<b>VOC Content (%):</b>	No information available
<b>Liquid Density:</b>	No information available
<b>Bulk Density:</b>	No information available
<b>Particle Size:</b>	No information available
<b>Particle Size Distribution:</b>	No information available

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### **SECTION 10 - STABILITY AND REACTIVITY**

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<b>Reactivity:</b>	No information available
<b>Chemical stability:</b>	Stable under normal conditions
<b>Possibility of Hazardous Reactions:</b>	None under normal processing.
<b>Hazardous Polymerization:</b>	Hazardous polymerization does not occur.
<b>Conditions to avoid:</b>	None known based on information supplied.
<b>Incompatible materials:</b>	Strong acids. Strong bases. Strong oxidizing agents.
<b>Hazardous Decomposition Products:</b>	Carbon oxides.

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### **SECTION 11 - TOXICOLOGICAL INFORMATION**

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#### **Information on likely routes of exposure**

##### **Product Information**

<b>Inhalation:</b>	Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.
<b>Eye Contact:</b>	Specific test data for the substance or mixture is not available. Causes serious eye damage. (based on components). Severely irritating to eyes. May cause burns. May cause irreversible damage to eyes.
<b>Skin Contact:</b>	Specific test data for the substance or mixture is not available. Causes skin irritation. (based on components).

**Ingestion:** Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Information on toxicological effects**

**Symptoms:** Redness. Burning. May cause blindness. May cause redness and tearing of the eyes.

**Numerical measures of toxicity**

**Acute Toxicity:** The following values are calculated based on chapter 3.1 of the GHS document.

**ATEmix (oral)** 35,211.00 mg/kg

**Unknown acute toxicity :** 6 % of the mixture consists of ingredient(s) of unknown toxicity  
 0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity  
 6 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity  
 6 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)  
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 6 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

**Component Information :**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium metasilicate	= 1153 mg/kg ( Rat )	-	-
Supplier Trade Secret	= 12600 mg/kg ( Rat )	> 10 g/kg ( Rabbit )	> 570 mg/m3 ( Rat ) 1 h

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Skin corrosion/irritation:** Classification based on data available for ingredients. Irritating to skin.  
**Serious eye damage/eye irritation:** Classification based on data available for ingredients. Causes burns. Risk of serious damage to eyes.  
**Respiratory or skin sensitization:** No information available.  
**Germ cell mutagenicity:** No information available.  
**Carcinogenicity:** No information available.  
**Reproductive toxicity:** No information available.  
**STOT - single exposure:** No information available.  
**STOT - repeated exposure:** No information available.  
**Aspiration hazard:** No information available.

**SECTION 12 - ECOLOGICAL INFORMATION**

**Ecotoxicity:** The environmental impact of this product has not been fully investigated.

Chemical name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Sodium metasilicate	-	96h LC50: = 210 mg/L (Brachydanio rerio)	-	96h EC50: = 216 mg/L
Supplier Trade Secret	-	96h LC50: 51 - 57 mL/L (Oncorhynchus mykiss)	-	24h EC50: > 500 mg/L

**Persistence and Degradability:** No information available.

<b>Bioaccumulation:</b>	<b>Chemical name</b>	<b>Log Pow</b>
	Supplier Trade Secret	-1.76

**Mobility:** No information available.

**Other adverse effects:** No information available.

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## SECTION 13 - DISPOSAL CONSIDERATIONS

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### Waste treatment methods

**Waste from residues/unused products** Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging:** Do not reuse empty containers.

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## SECTION 14 - TRANSPORT INFORMATION

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**DOT** NOT REGULATED

**Proper Shipping Name** NON REGULATED

**Hazard Class** N/A

**TDG** NOT REGULATED

**MEX** NOT REGULATED

**ICAO** NOT REGULATED

**IATA** NOT REGULATED

**Proper Shipping Name** NON REGULATED.

**Hazard Class** N/A

**IMDG/IMO**

**Hazard Class** N/A

**RID** NOT REGULATED

**ADR** NOT REGULATED

**ADN** NOT REGULATED

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## SECTION 15 - REGULATORY INFORMATION

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### Safety, health and environmental regulations/legislation specific for the substance or mixture

#### International Regulations

**Ozone-depleting substances (ODS):** Not applicable

**Persistent Organic Pollutants:** Not applicable

**Export Notification requirements:** Not applicable

<b>International Inventories:</b>	<b>TSCA</b>	Contact supplier for inventory compliance status.
	<b>DSL/NDSL</b>	Contact supplier for inventory compliance status.
	<b>EINECS/ELINCS</b>	Contact supplier for inventory compliance status.
	<b>ENCS</b>	Contact supplier for inventory compliance status.

**KECL** Contact supplier for inventory compliance status.  
**PICCS** Contact supplier for inventory compliance status.  
**AICS** Contact supplier for inventory compliance status.

**Legend**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

**US Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications. Under the amended regulations at 40 CFR 370, EPCRA 311/312 Tier II reporting for the 2017 calendar year will need to be consistent with updated hazard classifications.

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**US State Regulations****California Proposition 65:**

This product does not contain any Proposition 65 chemicals.

**California SB-258 Compliance:**

CAS#	Ingredient Name	Function	California List/Website Active Link Reference
7732-18-5	Water	Ingredient Coupler	No
6834-92-0	Sodium Metasilicate	Alkalizing Agent	No
56-81-5	Glycerin	Coupling Agent	No
9003-04-7	Acrylic Polymer	Dispersant	No
68439-46-3	Alcohol Ethoxylates	Surfactant	No

**U.S. State Right-to-Know Regulations:**

Chemical name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Supplier Trade Secret	X	X	X	X	



**SECTION 16 - OTHER INFORMATION**

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**NFPA RATING**      Health hazards = 3      Flammability = 0      Instability = 0      Physical and Chemical  
Properties -  
Personal Protection = X

**HMIS RATING**      Health hazards = 3      Flammability = 0      Physical Hazards = 0

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**Revision Note:**                      No information available

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