

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

- 1.1 Product identifier:** **Bar Keepers Friend Cleanser (WerCS ID = 1065205)**
(for all powder container sizes sold in the Western Hemisphere)
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:** Cleanser for hard, non-porous surfaces. Do not use on stone, wood, or on painted, lacquered, or mirrored surfaces.
- 1.3 Details of the supplier of the safety data sheet:**
- Supplier name:** SerVaas Laboratories, Inc
- Address:** 5240 Walt Place
Indianapolis, IN 46254
USA
- Telephone number:** 1-800-433-5818 (for USA callers)
1-317-636-7760 (for non-USA callers)
- 1.4 Emergency telephone number:** 1-800-424-9300 (CHEMTREC)

Section 2 - Hazards identification

2.1 Classification of the substance or mixture:

OSHA/CLP/GHS classification:

Physical classification:

Health classification:

Not Hazardous

Eye Damage Category 1

2.2 Label elements:

Signal word: Danger!

Hazard pictogram:



Hazard statements: Causes serious eye damage.

Precautionary phrases: Wash exposed skin thoroughly after handling. Wear eye protection.

Response statements: 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.

Section 3 - Composition / information on ingredients

3.1 Substance:	Chemical name	CAS No.	Percent
	Glass Oxide	65997-17-3	85-94
	Oxalic Acid	144-62-7	5-10
	Benzene Sulfonic Acid, Mono C10-16 Derivs., Sodium Salt	68081-81-2	1-5

Section 4 - First aid measures

4.1 Description of first aid measures:

Inhalation:	Remove victim to fresh air. Drink water to clear throat and blow nose to remove dust. Get medical attention if irritation persists.
Skin contact:	Do not rub or scratch. Rinse exposed skin with cold water then wash skin with soap and water. Do not use hot water as that opens skin pores and may increase particle penetration and irritation. Remove contaminated clothing and launder before re-use. Get medical attention if irritation persists.
Eye contact:	Do not rub your eyes. Immediately flush eyes with water for at least 15 minutes, holding the eyelids apart. Get immediate medical attention.
Ingestion:	If small quantities are swallowed, rinse out mouth with water. Drink plenty of water to help reduce irritation. If large amounts are swallowed or if irritation or discomfort occurs, get medical attention.

4.2 Most important symptoms and effects, both acute and delayed:

Causes severe eye irritation with possible eye damage. May cause skin irritation. May cause mild respiratory irritation.

4.3 Indication of any immediate medical attention and special treatment needed:

Immediate medical attention is required for eye contact.

Section 5 -Firefighting measures

5.1 Suitable (and unsuitable) extinguishing media:

Use any media that is suitable for the surrounding fire.

5.2 Specific hazards arising from the chemical:

This material is not flammable or combustible.

5.3 Special protective equipment and precautions for fire-fighters:

Firefighters should wear full emergency equipment and NIOSH approved positive pressure self-contained breathing apparatus for all fires involving chemicals.

Section 6 - Accidental release measures

- 6.1 Personal precautions, protective equipment, and emergency procedures:** Wear appropriate protective clothing and equipment to avoid eye, and skin contact. Avoid creating and breathing dust.
- 6.2 Environmental precautions:** Avoid release to the environment. Report spill as required by local and federal regulations.
- 6.3 Methods and materials for containment and cleaning up:** Collect material and place into a container for disposal or re-use. Collect in a manner to minimize the generation of airborne dusts or vacuum with a high efficiency vacuum cleaner. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air.).

Section 7 - Handling and storage

- 7.1 Precautions for safe handling:** Avoid contact with eyes, skin and clothing. Avoid creating and breathing dusts. Wear protective clothing and equipment as described in Section 8. Use only with adequate ventilation. Launder contaminated clothing before re-use. Wash thoroughly with soap and water after handling. Follow good housekeeping practices.

Empty containers retain product residues. Follow all SDS precautions in handling empty containers.
- 7.2 Conditions for safe storage, including any incompatibilities:** Store in a cool, dry, well-ventilated area. Protect containers from physical damage.
- 7.3 Specific end use(s):** Use only in accordance with the products' end use instructions.

Section 8 - Exposure controls / personal protection

8.1 Control parameters:	Glass Oxide (as PNOC)	5 mg/m3 (Respirable), 15 mg/m3 (total dust) OSHA PEL
	Oxalic Acid	1 mg/m3 TWA OSHA PEL 1 mg/m3 TWA, 2 mg/m3 STEL ACGIH TLV
	Benzene Sulfonic Acid, Mono C10-16 Derivs., Sodium Salt	None Established

Note: If not listed above, refer to local regulations for specific country exposure limits.

- 8.2 Exposure controls:**
 - Appropriate engineering controls:** Use with adequate local exhaust ventilation to minimize exposures.
 - Personal protective equipment:** **Respiratory protection:** If the occupational exposure limits are exceeded or irritation is experienced, wear an approved particulate respirator. Selection of respiratory protection depends on the contaminant type, form and concentration. Select and

use in accordance with all applicable regulations (in the US follow OSHA 1910.134, in the EU follow EN140 or 143) and good Industrial Hygiene practice.

Hand protection: Wear protective gloves to minimize skin contact. Barrier creams may be useful in reducing irritation.

Eye protection: Wear safety glasses with side shields or dust proof goggles.

Other Protective Clothing or Equipment: Clothing with long sleeves and pants should be worn to avoid skin contact. Washing facilities should be available in the work area.

Section 9 - Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance (physical state, color, etc.):

White powder.

Odor:

None

Odor threshold: Not applicable	pH: 1.5-2.5 (depending on dilution)
Melting point/freezing point: Not available	Initial boiling point and boiling range: Not available
Flash point: Not applicable	Evaporation rate: Not applicable
Flammability (solid, gas): Not flammable	
Flammable limits: LEL: Not applicable	UEL: Not applicable
Vapor pressure: Not applicable	Vapor density: Not applicable
Relative density: 0.85-0.95	Solubility(ies): Partially soluble in water
Partition coefficient: n-octanol/water: Not available	Auto-ignition temperature: Not available
Decomposition temperature: None	VOC: Not determined

Section 10 - Stability and reactivity

10.1 Reactivity:

This material is not reactive under normal conditions.

10.2 Chemical stability:

Stable

10.3 Possibility of hazardous reactions:

Will not occur.

10.4 Conditions to avoid:

Avoid dust formation.

10.5 Incompatible materials:

Do not mix with chlorine bleach.

10.6 Hazardous decomposition products:

None expected.

Section 11 - Toxicological information

11.1 Information on toxicological effects:

Inhalation:	Dust may cause nose, throat and upper respiratory tract irritation. Symptoms include coughing, sneezing and scratchy throat.		
Skin contact:	Dust may cause mechanical irritation.		
Eye contact:	Causes serious eye irritation with pain, burning, and swelling. Eye damage is possible.		
Ingestion:	May cause irritation of the mouth and intestinal tract.		
Skin corrosion/irritation:	Not a skin corrosive.		
Eye damage/ irritation:	Causes eye damage.		
Respiratory irritation:	Dust may be irritating to the respiratory system.		
Respiratory sensitization:	Not a respiratory sensitizer.		
Skin sensitization:	Not a skin sensitizer.		
Germ cell mutagenicity:	Not classified a germ cell mutagen.		
Carcinogenicity:	None of the components at 0.1% or greater are classified as a carcinogen by IARC, NTP, ACGIH, or OSHA.		
Aspiration hazard:	Not an aspiration hazard.		
Reproductive toxicity:	No effects on reproduction are expected.		
Specific target organ toxicity:	Single Exposure: No data available. Repeat Exposure: No data available.		
Acute toxicity values:	Calculated ATEmix:	Oral LD50	>4000 mg/kg
	Oxalic Acid:	Oral Rat LD50:	375 mg/kg.
	Benzene Sulfonic Acid, Mono C10-16 Derivs., Sodium Salt:	Oral Rat LD50:	1080 mg/kg

Section 12 - Ecological information

12.1 Toxicity:	No data available.
12.2 Persistence and degradability:	Biodegradation does not apply to inorganic substances. Listed soluble ingredients are biodegradable.
12.3 Bioaccumulative potential:	Not expected to be bioaccumulative.
12.4 Mobility in soil:	No data available.
12.5 Results of PBT and vPvB assessment:	The product is not PBT or vPvB.
12.6 Other adverse effects:	None.

Section 13 - Disposal considerations

Waste treatment methods: Dispose of in accordance with all local, regional, national, provincial, territorial and international regulations

Section 14 - Transport information

	14.1 UN number	14.2 UN proper shipping name	14.3 Transport hazard class(es)	14.4 Packing group	14.5 Environmental hazards
US DOT	N/A	Not classified for transport	N/A	N/A	N/A
EU ADR/RID	N/A	Not classified for transport	N/A	N/A	N/A
IMDG	N/A	Not classified for transport	N/A	N/A	N/A
IATA/ICAO	N/A	Not classified for transport	N/A	N/A	N/A

14.6 Special precautions for user: None

14.7 Transport in bulk according to Annex III MARPOL 73/78 and the IBC code: Not applicable – product is transported only in packaged form.

Section 15 - Regulatory information

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

U.S. Regulations: CERCLA: This product is not subject to CERCLA reporting requirements. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

SARA TITLE III: Section 302 Extremely Hazardous Substances (TPQ): None

SARA Hazard Category (311/312): Refer to Section 2 for OSHA Hazard Classification

EPA SARA 313: This product contains the following chemicals regulated under SARA Title III, section 313: None

EPA TSCA Inventory: All of the components of this product are listed on the TSCA inventory.

This SDS conforms to US OSHA Hazcom 2012 (29 CFR1910.1200) and Canada WHMIS 2015.

California SB-258 Compliance:

CAS#	Ingredient Name	Function	Designated List
6153-56-6	Oxalic Acid	Rust Remover	No
65997-17-3	Glass Oxide	Abrasive	No
68081-81-2	Anionic Surfactant	Surfactant	No

Section 16 - Other information

NFPA RATING:	Health = 3	Fire = 0	Instability = 0
HMIS RATING:	Health = 3	Fire = 0	Physical Hazard = 0
SDS Revision History:	Revised SDS		
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