



Section 1. Product and Company Identification			
Product Name	BAR KEEPERS FRIEND LIQUID CLEANSER		MSDS Validation Date JAN 01 2012
Product Description	Acidic liquid hard surface cleanser with mild soap and abrasive		In case of Emergency Telephone: 800-433-5818 317-636-7760
Manufacturer	SerVaas Laboratories, Inc. 5240 Walt Place Indianapolis, IN 46254		
UPC Number	26oz (737g) Bottle 71618 11626	13oz (269g) Bottle: 71618 11600	Transportation Emergencies: Chemtrec: 1-800-424-9300 (U.S. & Canada) Outside the U.S. & Canada (North America), call 703-527-3887

Section 2. Composition and Information on Ingredients			
Name	CAS #	% by Weight	Exposure Limits: TLV/PEL
1. OXALIC ACID	144-62-7	3-5	TWA: 1 STEL: 2 (mg/m ³) from ACGIH (TLV) TWA: 1 (mg/m ³) from OSHA (PEL)

Section 3. Hazards Identification	
Emergency Overview	CAUTION: EYE & SKIN IRRITANT. DO NOT get in eyes or on skin. Causes eye irritation. Contains Oxalic Acid. Avoid contact with eyes. Do not mix with Chlorine bleach, ammonia or alkaline products, as toxic fumes may result. KEEP OUT OF REACH OF CHILDREN.

Section 4. First Aid Measures	
Eye Contact	In case of eye contact, immediately rinse eyes with water, remove any contact lenses and continue to rinse eyes with plenty of water for at least 15 minutes. If irritation occurs or persists, get medical attention.
Skin Contact	In case of skin contact, wash skin thoroughly with soap and water. If irritation persists, consult a physician.
Inhalation	None required under recommended use conditions. Remove to fresh air.
Ingestion	If swallowed, DO NOT INDUCE VOMITING. Rinse mouth and give a glass of milk to drink. Contact a poison control center or physician immediately. Never give an unconscious person anything to ingest.

Section 5. Fire and Explosion Data	
Flammability	Not flammable. See Section 14 for any Shipping Classifications
Flash Point	Not applicable.
Explosive Limits in Air	Not applicable.
Products of Combustion	Not applicable.
Fire and Explosion Hazards	None known.
Fire Fighting Media and Instruction	Use water spray, foam or dry chemical or carbon dioxide, as suitable for surrounding fires.
Special Fire Fighting Instructions	Wear self-contained breathing apparatus and protective clothing appropriate for fighting a chemical fire.

Section 6. Accidental Release Measures	
Accidental Spill	Small spill: Soak up with an inert absorbent material and dispose of in an appropriate waste container. Rinse surface residue and flush to sink or sanitary sewer. Large spills should be diked, contained and collected for later disposal according to local, state or federal regulations. Use soda ash to neutralize acid.

Section 7. Handling and Storage	
Handling and Storage	CAUTION: EYE AND SKIN IRRITANT. Do not get in eyes or on skin. Causes eye irritation. Contains Oxalic Acid. Do not mix with Chlorine bleach, ammonia or alkaline products, as toxic fumes may result. Store in original container in an upright position in a cool, dry area inaccessible to children and pets. KEEP OUT OF REACH OF CHILDREN.

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Section 8. Exposure Controls/Personal Protection**Ventilation Requirements** None required**Eye Protection** Eye irritant. Wear eye protection if the possibility of splashing. Emergency responders should wear full eye and face protection**Skin Protection** Skin irritant, wear rubber or other type of impervious gloves. Emergency responders should wear impermeable gloves.**Respiratory Protection** None required.**Other Protection** None required.**Work/Hygienic Practices** Washing with soap and water after use is recommended as good hygienic practice to prevent possible skin irritation and/or eye irritation from hand contact.**Section 9. Physical and Chemical Properties****Description** White Liquid Cleanser.**pH** 1 (Acidic)**Odor** None**Color** White, Off-white.**Boiling/Condensation Point** Not determined.**Specific Gravity** 1.3**Vapor Pressure** Not determined.**Vapor Density** Not determined.**Viscosity** Flows readily under gravity**Solubility** Dispersible (Oxalic acid and surfactant 100% soluble. Abrasive is insoluble)**Section 10. Stability and Reactivity Data****Chemical Stability** The product is stable.**Incompatibility with Various Substances** Do not mix with chlorine bleach, ammonia or alkaline products.**Hazardous Decomposition Products** Oxalic acid may generate formic acid and carbon monoxide under fire conditions.**Section 11. Toxicological Information****Exposure effects****Eye Contact** Eye irritant. CAUSES EYE IRRITATION.**Skin Contact** Skin irritant. Causes skin irritation**Inhalation** None expected.**Ingestion** May irritate or burn mouth, esophagus or stomach. Not orally toxic: LD50/oral/rat > 2000 mg/kg.**Section 12. Ecological Information****Ecotoxicity** Not available.**Section 13. Disposal Considerations****Waste Disposal** Small spills absorb with an inert material and discard in appropriate waste container. Rinse surface and wipe dry. Large spills contain and collect liquid for evaluation and disposal according to local, state & federal regulations. Use soda ash to neutralize acid.**Section 14. Transport Information****DOT Classification** Not regulated by DOT (United States).**Proper Shipping Name** Consumer Commodity**DOT Identification Number** Not applicable.**Packing Group** Not applicable.**Maritime Transportation** Not applicable.

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Hazardous Substance Reportable Quantity	Not applicable.
Special Provisions for Transport	Not applicable.
TDG Classification	Consumer Commodity - Transborder Consignment
ADR Classification	Not applicable.
IMDG Classification	Corrosive liquid, acid, organic n.o.s. (contains Oxalic Acid) class 8, UN3256, III-LTD QTY.
IATA Classification	Does not qualify in manufactured case lot sizes.

Section 15. Regulatory Information

Federal and State Regulations	SARA Title III, Section 313 Toxic Chemical Notification & Release Reporting: None
Other Classification	WHIMIS (Canada) CLASS D-2A: Material causing other toxic effects (VERY TOXIC)

Section 16. Other Information

HMIS (U.S.A.)	Health Hazard	2	National Fire Protection Association (U.S.A.)		Fire Hazard	0
	Fire Hazard	0			Reactivity	0
	Reactivity	0	Health		Specific Hazard	
	Personal Protection	A				
			NEPA Aesthetic Level	Not applicable.		
Validated by Product Safety on 3/3/09			Printed 3/3/09			
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