SAFETY DATA SHEET (SDS)

SECTION I - IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND THE COMPANY

PRODUCT NAME:	**Bar Keepers Friend Cooktop Cleaner**
RELEVANT IDENTIFIED USES OF THE MIXTURE AND USES ADVISED AGAINST:	Relevant identified uses: Cleans and/or polishes most hard, nonporous surfaces. Do not use on cast iron, granite, marble, wood, fabric, leather, painted surfaces, mirrors, gold, or silver (sterling silver is OK). Do not use where rinsing thoroughly is difficult, or impossible.
MANUFACTURER:	SerVaas Laboratories, Inc 5240 Walt Place Indianapolis, IN 46254 USA
CALL FOR PRODUCT TECHNICAL INFORMATION:	1-800-433-5818 (for USA callers) 1-317-636-7760 (for non-USA callers) www.barkeepersfriend.com
EMERGENCY TELEPHONE NUMBER(CHEMTREC):	1-800-424-9300

SECTION 2 - HAZARDS IDENTIFICATION

CLASSIFICATION OF THE MIXTURE:	Skin irritation 3 - H316 Eye irritation 2B - H320
LABEL ELEMENTS:	
SIGNAL WORD:	Warning
HAZARD PICTOGRAM:	
HAZARD STATEMENTS:	H316 Causes mild skin irritation H320 - Causes eye irritation
PREVENTION:	P264 Wash hands thoroughly after handling
RESPONSE:	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. If medical advice is needed, have container at hand. P332+P313 If skin irritation occurs, get medical attention. If medical advice is needed, have container in hand.

SECTION 3 - COMPOSITION / INFORMATION ON THE INGREDIENTS

INGREDIENT	% By Weight	CAS Reg. No.	
WATER	Confidential	7732-18-5	
FELDSPAR*	Confidential	68476-25-5	(continued on next page)

CITRIC ACID	3 - 4	77-92-9
POLYMERIC DISPERSANT*	1 - 2	WERCS ID 1208267
NONIONIC SURFACTANT*	2 - 3	WERCS ID 1208268
ORANGE / LEMON SCENT*	0.05 - 0.09	Trade secret / mixture

*not regulated as hazardous materials

SECTION 4 - FIRST AID MEASURES

IF IN 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. If medical advice is needed, have container at hand.
IF INGESTED:	Drink milk or water and call a doctor. Do not induce vomiting. Get medical advice / attention. If medical advice is needed, have container at hand.
IF ON SKIN:	Wash with soap and water. If skin irritation occurs, get medical attention. If medical advice is needed, have container in hand.

SECTION 5 - FIREFIGHTING MEASURES

Not a fire hazard. Use extinguishing media appropriate for surrounding fire.

SPECIAL FIREFIGHTING INSTRUCTIONS:	Wear NIOSH approved self-contained breathing apparatus and protective clothing appropriate for a chemical fire. Cool fire-exposed containers with water spray. Oxalic acid may decompose to carbon monoxide (CO) and formic acid (HCOOH) in fire conditions.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:	For a small spill, wipe up with a mop, paper towels, or cloths. For large spills, use an absorbent such as kitty litter to contain spills. Carefully sweep up, raising a minimum amount of dust, and discard into a household waste container for disposal.
WASTE DISPOSAL METHOD:	Dispose according to the local, state, or federal regulations. Use baking soda to neutralize acid. Wear protective equipment as needed (see section 8).

SECTION 7 - HANDLING AND STORAGE

CONDITIONS FOR SAFE STORAGE:	Keep out of reach of children and domestic animals. Store in a dry place. Keep FROM FREEZING. DO NOT STORE WHERE TEMPERATURE MAY EXCEED 140° F.
CONDITIONS FOR SAFE USE:	Follow use directions on the label. Apply a small amount onto a wet surface or a damp cloth or sponge, then rub gently. Do not mix with other chemicals including bleach or ammonia. Wash hands after use. For prolonged use or sensitive skin, wear waterproof gloves. Respiratory protection is not normally required except as described for firefighting, or if the product is mixed with bleach or ammonia.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

PRIMARY ROUTES OF EXPOSURE:	Dermal contact, hand-to-eye contact. In case of eye contact, see Section 4, First Aid.
ACCIDENTAL OR DELIBERATE INGESTION:	Bar Keepers Friend Cooktop Cleaner is of minimal oral toxicity. For ingestion of a large quantity, see Section 4: First Aid.
INDIVIDUAL PROTECTION MEASURES:	Prolonged contact may product dry skin or irritation in some individuals. For prolonged contact or sensitive skin, wear protective gloves (e.g. those meant for household cleaning.)
EXPOSURE LIMITS:	Oxalic acid: ACGIH TLV/ OSHA PEL/ NIOSH REL 1 mg/M3 (TWA) 2 (STEL).

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: . . . . . .liquid	COLOR: . . . . . white
ODOR: . . . . . .citrus	pH: . . . . . 2.8 to 2.9
FREEZING: . . . . . .freezes at < 30°C	BOILING POINT: . . . . . 100°C
FLASH POINT: . . . . . .not flammable	EVAPORATION RATE: . . . not known
SPECIFIC GRAVITY: 1.25	SOLUBILITY: . . . . . The surfactant and citric acid are both soluble in water.

SECTION 10 - STABILITY AND REACTIVITY

STABILITY:	Stable
REACTIVITY:	Incompatible with chlorine bleach, ammonia, and alkaline products.
HAZARDOUS DECOMPOSITION PRODUCTS:	Oxalic acid may decompose to carbon monoxide (CO) and formic acid (HCOOH) in fire conditions.

SECTION 11 - TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:

CITRIC ACID:	Oral LD50 >5040 mg/kg (rat)
	Dermal LD50 not determinable
	Eye irritant
	Slight skin irritant
	Inhalation LD50 not determined
	Non sensitizer

SECTION 12 - ECOLOGICAL INFORMATION

Bar Keepers Friend Cooktop Cleaner is of minimal risk to terrestrial wildlife.

Oxalic acid, citric acid and surfactant are water soluble. Dissolution of these substances into bodies of water may cause short-term risk to fish and other aquatic organisms. Dissipation in the environment is rapid.

In case of spill, prevent runoff into bodies of water. Clean up spills as described in Section 6.

SECTION 13 - DISPOSAL CONSIDERATIONS

Bar Keepers Friend Cooktop Cleaner may be disposed of in household garbage.

SECTION 14 - TRANSPORT INFORMATION

NOT REGULATED BY DOT.

DOT TRANSPORTATION NUMBER:	Not applicable
PACKING GROUP:	Not applicable
MARITIME INFORMATION:	Not applicable
HAZARDOUS SUBSTANCES REPORT QUANTITY:	Not applicable
TDG CLASSIFICATION:	Consumer Commodity-Transborder Consignment
ADR CLASSIFICATION:	Not applicable
IMDG CLASSIFICATION:	Not regulated
IATA CLASSIFICATION:	Does not qualify in manufactured case lot size

SECTION 15 - REGULATORY INFORMATION

U.S. FEDERAL AND STATE REGULATIONS:	SARA Title III Section 313 Toxic Chemical Notification &
RELEASE REPORTING:	None
OTHER CLASSIFICATION:	Not controlled under WHMIS (Canada)

SECTION 16 - OTHER INFORMATION

NFPA	Health Hazards: 1	Flammability: 0	Instability: 0	Special: N/A
HMIS	Health Hazards: 1	Flammability: 0	Physical Hazards: 0	

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