



Section 1. Product and Company Identification

Product Name **BAR KEEPERS FRIEND
LIQUID CLEANSER**

MSDS

Validation Date 3/3/09

Product Description Acidic hard surface cleanser with mild abrasive

**In case of
Emergency** Telephone:
800-433-5818
317-636-7760

Manufacturer SerVaas Laboratories, Inc.
1200 Waterway Blvd
Indianapolis, IN 46202

**Transportation
Emergencies:** Chemetrec: 1-800-424-9300
(U.S. & Canada)

UPC Number 26oz (737g) Bottle 71618 11626 13oz (269g) Bottle: 71618 11600

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 DO NOT INDUCE VOMITING. Rinse mouth and give a glass of milk to drink. Contact a poison control center or physician immediately.

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
Avoid eye contact. 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

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| 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

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|-----------------------------------|--|--------------|-------------------|
| Description | White Liquid Cleanser. | Odor | None |
| pH | 1.3 - 2.0 | Color | White. Off-white. |
| Boiling/Condensation Point | Not determined. | | |
| Specific Gravity | 1.3 | | |
| Vapor Pressure | Not determined. | | |
| Vapor Density | Not determined. | | |
| Viscosity | Not available. | | |
| Solubility | Dispersible (Oxalic acid and surfactant 100% soluble. Abrasive is insoluble) | | |

Section 10. Stability and Reactivity Data

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| 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

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| 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. IARC Program: None |

Section 12. Ecological Information

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| Ecotoxicity | Not available. |
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Section 13. Disposal Considerations

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| 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 |
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Section 14. Transport Information

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| 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

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

Section 16. Other Information

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|----------------------|---------------------|---|--|-------------|-----------------|
| HMIS (U.S.A.) | Health Hazard | 2 | National Fire Protection Association (U.S.A.)  | Fire Hazard | |
| | Fire Hazard | 0 | | Health | Reactivity |
| | Reactivity | 0 | | | Specific Hazard |
| | Personal Protection | A | | | |

NEPA Aerosol Level Not applicable.

Validated by Product Safety on 3/3/09

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