

# Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

**U.S. Department of Labor**  
Occupational Safety and Health  
Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072



IDENTITY (As Used on Label and List) <b>BAR KEEPERS FRIEND LIME &amp; RUST REMOVER BATHROOM &amp; KITCHEN CLEANER</b>	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
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## Section I

Manufacturer's Name <b>SERVAAS LABORATORIES INC</b>	Emergency Telephone Number <b>317-636-7766 OR 800-433-5818</b>
Address (Number, Street, City, State, and ZIP Code) <b>1200 WATERWAY BLVD</b>	Telephone Number for Information <b>317-636-7760 OR 800-433-5818</b>
<b>INDIANAPOLIS IN 46202-2157</b>	Date Prepared <b>JANUARY 1, 2007</b>
	Signature of Preparer (optional)

## Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	%(optional)
<b>SULFAMIC ACID</b>	<b>NONE</b>		<b>UNKNOWN</b>	<b>5-10%</b>
<b>THIS PRODUCT ALSO CONTAINS UP TO 15-20% HYDROXYACETIC ACID &amp; CITRIC ACID.</b>				


### Section III - Physical/Chemical Characteristics

Boiling Point	<b>212 F</b>	Specific Gravity (H <sub>2</sub> O = 1)	<b>1.11</b>
Vapor Pressure (mm Hg)	<b>N/A</b>	Melting Point	<b>N/A</b>
Vapor Density (AIR = 1)	<b>N/A</b>	Evaporation Rate (Butyl Acetate = 1)	<b>N/A</b>
Solubility in Water	<b>COMPLETE</b>		
Appearance and Odor	<b>LIGHT GREEN AND LEMON/LIME</b>		

### Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) <b>NONE</b>	Flammable Limits <b>N/A</b>	LEL	UEL
Extinguishing Media	<b>N/A</b>		
Special Fire Fighting Procedures	<b>PRODUCT DOES NOT SUPPORT COMBUSTION.</b>		
Unusual Fire and Explosion Hazards	<b>PRODUCT IS NON-FLAMMABLE, BUT IT CAN REACT WITH METALS TO PRODUCE HYDROGEN AND FLAMMABLE GAS.</b>		

(Reproduce locally)

OSHA 174, Sept. 1985

### Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable <b>X</b>		
Incompatibility ( <i>Materials to Avoid</i> ) <b>ALKALINE MATERIALS, CHLORINATED DETERGENTS AND SANITIZERS</b>			
Hazardous Decomposition or Byproducts <b>HYDROGEN GAS WITH METALS</b>			
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	<b>X</b>	

### Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation? <b>SLIGHT</b>	Skin? <b>POSSIBLE</b>	Ingestion? <b>POSSIBLE</b>
Health Hazards ( <i>Acute and Chronic</i> ) <b>EYES: SEVERE IRRITATION</b>			
<b>INGESTION: SEVERE IRRITATION</b>			
<b>SKIN CONTACT: DELAYED BURNS</b>			
Carcinogenicity: <b>NONE</b>	NTP?	IARC Monographs?	OSHA Regulated?
Signs and Symptoms of Exposure <b>REDNESS, BURNING OF EYES; IRRITATION AND REDNESS OF SKIN; MAY CAUSE BURNING, NAUSEA OR VOMITING IF INGESTED</b>			
Medical Conditions Generally Aggravated by Exposure <b>N/A</b>			
Emergency and First Aid Procedures <b>EYES &amp; SKIN: FLUSH WITH WATER FOR 15 MINUTES. CALL PHYSICIAN.</b> <b>INGESTION: DO NOT INDUCE VOMITING. GIVE LARGE QUANTITIES OF WATER,</b>			

**THEN TAKE MILK OF MAGNESIA. CALL PHYSICIAN.**

## **Section VII - Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material is Released or Spilled

**FLUSH CAUTIOUSLY WITH WATER IN EXCESS AND NEUTRALIZE WITH SODA ASH  
OR LIMESTONE. WILL RELEASE CO2 GAS.**

Waste Disposal Method

**NEUTRALIZE ACID AND SEWER IF PERMITTED BY CITY, COUNTY AND STATE**

**REGULATIONS.**

Precautions to Be taken in Handling and Storing **N/A**

Other Precautions **N/A**

## **Section VIII - Control Measures**

Respiratory Protection (*Specify Type*) **NOT REQUIRED**


Ventilation	Local Exhaust <b>YES</b>	Special <b>NO</b>
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	Mechanical ( <i>General</i> ) <b>NO</b>	Other <b>NO</b>
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Protective Gloves <b>RUBBER GLOVES</b>	Eye Protection <b>SAFETY GLASSES</b>
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Other Protective Clothing or Equipment **NO**

Work/Hygienic Practices **NO**

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