

**MATERIAL SAFETY DATA SHEET**

MSDS Date: 6/28/02  
Supersedes: 6/9/99

**Section 1: PRODUCT IDENTIFICATION**

**PRODUCT NAME:** Presto Liquid Presoak  
**PRODUCT DESCRIPTION:** A concentrated liquid presoaking agent.  
**CHEMICAL FAMILY:** Liquid detergent  
**MANUFACTURER:** Scotch Plaid, Inc.

**Section 2: HAZARDOUS INGREDIENTS**

Chemical Name	CAS No.	Percent	OSHA - PEL	ACGIH - TLV
Silicic Acid	6834-92-0	0-3%	2mg/m <sup>3</sup>	2mg/m <sup>3</sup>
2-Butoxyethanol	111-76-2	<5%	25ppm	25ppm

**Section 3: PHYSICAL AND CHEMICAL DATA**

<b>BOILING POINT:</b>	212 °F	<b>SPECIFIC GRAVITY:</b>	1.070
<b>VAPOR PRESSURE:</b>	N/A	<b>% VOLATILE BY VOLUME:</b>	75-85%
<b>VAPOR DENSITY:</b>	N/A	<b>EVAPORATION RATE:</b>	N/E
<b>SOLUBILITY IN WATER:</b>	Complete	<b>FREEZING POINT:</b>	N/E
<b>PHOSPHOROUS CONTENT:</b>	<1.5%	<b>pH @ 100%:</b>	12.50-13.50
<b>APPEARANCE AND ODOR:</b>	Red liquid with butyl odor.		

**Section 4: FIRE AND EXPLOSION HAZARDS**

<b>FLASH POINT:</b>	>200°F	<b>FLAMMABLE LIMITS:</b>	None
<b>EXTINGUISHING MEDIA:</b>	N/A		
<b>SPECIAL FIREFIGHTING PROCEDURES:</b>	None		
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS:</b>	None		

**Section 5: HEALTH AND HAZARD DATA****EFFECTS OF OVEREXPOSURE:**

**INGESTION:** May cause nausea, vomiting, and diarrhea.

**SKIN:** Prolonged exposure may cause irritation.

**EYES:** Causes irritating burning sensation

**INHALATION:** May cause dizziness or nausea over long periods of time.

**IN ALL CASES:** Get prompt medical attention if effects persist. NEVER give anything by mouth to an unconscious person.

**FIRST AID PROCEDURES:**

**INGESTION:** Consult doctor. Do not induce vomiting. Drink plenty of water.

**SKIN:** Wash thoroughly with soap and water.

**EYES:** Flush immediately with cool water for 15 minutes.

**INHALATION:** Move to well ventilated area for fresh air.

**Section 6: REACTIVITY DATA**

<b>STABLE:</b>	X	<b>UNSTABLE:</b>	
<b>CONDITIONS TO AVOID:</b>	Do not mix with anything but water.		
<b>INCOMPATIBILITY:</b>	Strong oxidizing agents, aluminum and aluminum alloys.		
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	CO, CO <sub>2</sub> , oxides of sulfur, nitrogen, and phosphorous.		
<b>HAZARDOUS POLYMERIZATION OCCURS:</b>		<b>DOES NOT OCCUR:</b>	X

**Section 7: STORAGE, HANDLING AND USE**

**STEPS TO FOLLOW IF MATERIAL IS SPILLED OR RELEASED:** If not prohibited by fed, state, county, or local laws, absorb spill with absorbent material. Wash surface with plenty of water.

**WASTE DISPOSAL METHOD:** Approved chemical dump.

**HANDLING AND STORAGE:** Store away from open flame. Keep from freezing.

**Section 8: PERSONAL PROTECTION INFORMATION**

**RESPIRATOR PROTECTION:** Not required under normal conditions

**VENTILATION:** None

**PROTECTIVE GLOVES:** Chemical resistant

**EYE PROTECTION:** Safety glasses or goggles

**OTHER EQUIPMENT:** Aprons if desired; not required under normal conditions.

**Section 9: TRANSPORTATION & REGULATORY INFORMATION**

**D.O.T. CLASSIFICATION:** Not DOT regulated

**CALIFORNIA PROP. 65:** Contains traces of ethylene oxide CAS # 75-21-8

**FREIGHT BILL CLASSIFICATION:** Cleaning Compound

**Section 10: OTHER INFORMATION**

**SPECIAL PRECAUTIONS:** KEEP OUT OF REACH OF CHILDREN!

HMIS Ratings (0=Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Severe Hazard)

Health: 2      Flammability: 0      Reactivity: 0

N/A = Not Applicable    N/E = Not Established

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