

MATERIAL SAFETY DATA SHEET

MSDS Date: 6/28/02

Supersedes: 6/9/99

Section 1: PRODUCT IDENTIFICATION

PRODUCT NAME: Extreme Hi pH Presoak
PRODUCT DESCRIPTION: A concentrated liquid presoak
CHEMICAL FAMILY: Liquid detergent
MANUFACTURER: Scotch Plaid, Inc.

Section 2: HAZARDOUS INGREDIENTS

Chemical Name	CAS No.	Percent	OSHA - PEL	ACGIH - TLV
2 - Butoxyethanol	111-76-2	<8%	25ppm	25ppm
Monoethanolamine 99%	141-43-5	<5%	3ppm	3ppm
Silicic Acid	6834-92-0	<3%	NA	NA

Section 3: PHYSICAL AND CHEMICAL DATA

BOILING POINT:	212 °F	SPECIFIC GRAVITY:	1.070
VAPOR PRESSURE:	N/A	% VOLATILE BY VOLUME:	75 -85%
VAPOR DENSITY:	N/A	EVAPORATION RATE:	N/E
SOLUBILITY IN WATER:	Complete	FREEZING POINT:	N/E
PHOSPHOROUS CONTENT:	None	pH @ 100%:	12.50 - 13.50
APPEARANCE AND ODOR:	Clear, light blue liquid with cherry almond scent.		

Section 4: FIRE AND EXPLOSION HAZARDS

FLASH POINT:	>175°F	FLAMMABLE LIMITS:	None
EXTINGUISHING MEDIA:	Water, CO ₂		
SPECIAL FIREFIGHTING PROCEDURES:	None		
UNUSUAL FIRE AND EXPLOSION HAZARDS:	None		

Section 5: HEALTH AND HAZARD DATA

EFFECTS OF OVEREXPOSURE:	FIRST AID PROCEDURES:
INGESTION: May cause nausea, vomiting, and diarrhea.	INGESTION: Consult doctor. Don't induce vomiting. Drink plenty of water.
SKIN: Prolonged exposure may cause very mild irritation.	SKIN: Wash thoroughly with soap and water.
EYES: Causes irritating burning sensation	EYES: Flush immediately with cool water for 15 minutes.
INHALATION: May cause dizziness or nausea over long periods of time.	INHALATION: Move to well ventilated area for fresh air.
IN ALL CASES: Get prompt medical attention if effects persist. NEVER give anything by mouth to an unconscious person.	

Section 6: REACTIVITY DATA

STABLE: X	UNSTABLE:
CONDITIONS TO AVOID:	Do not mix with anything but water.
INCOMPATIBILITY:	Strong oxidizing agents, aluminum metal and aluminum alloys.
HAZARDOUS DECOMPOSITION PRODUCTS:	CO, CO ₂ , oxides of sulfur and nitrogen.
HAZARDOUS POLYMERIZATION OCCURS:	DOES NOT OCCUR: 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 in cool or warm areas. Do not overheat or freeze.

Section 8: PERSONAL PROTECTION INFORMATION

RESPIRATOR PROTECTION:	Not required under normal conditions	EYE PROTECTION:	Safety glasses or goggles
VENTILATION:	None		
PROTECTIVE GLOVES:	Chemical resistant		
OTHER EQUIPMENT:	Aprons if desired; not required under normal conditions.		

Section 9: TRANSPORTATION & REGULATORY INFORMATION

D.O.T. CLASSIFICATION: Not DOT regulated in non-bulk shipments.
CALIFORNIA PROP. 65: Contains traces of ethylene oxide CAS # 75-21-8 & N T A CAS # 139139
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: 3 Flammability: 2 Reactivity: 0

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

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