

**MATERIAL SAFETY DATA SHEET**

MSDS Date: 11/7/05  
 Supersedes:

**Section 1: PRODUCT IDENTIFICATION**

**PRODUCT NAME:** Excel Blue Presoak  
**PRODUCT DESCRIPTION:** Cleaner/Degreaser  
**CHEMICAL FAMILY:** Liquid Detergent  
**MANUFACTURER:** Scotch Plaid, Inc.

**Section 2: HAZARDOUS INGREDIENTS**

Chemical Name	CAS No.	Percent	OSHA - PEL	ACGIH - TLV
2-Butoxyethanol	000011-76-2	2%	22 ppm (skin)	22 ppm (skin)
Sodium Hydroxide	001310-73-2	1%	1 mg/M3	1 mg/M3
Sodium Metasilicate	006834-92-0	3%	N/E	N/E

**Section 3: PHYSICAL AND CHEMICAL DATA**

<b>BOILING POINT:</b>	214 deg F	<b>SPECIFIC GRAVITY:</b>	1.07
<b>VAPOR PRESSURE:</b>	NA	<b>% VOLATILE BY VOLUME</b>	0%
<b>VAPOR DENSITY:</b>	NA	<b>EVAPORATION RATE:</b>	N/E
<b>SOLUBILITY IN WATER:</b>	Complete @ 77 Deg F	<b>FREEZING POINT:</b>	N/E
<b>PHOSPHOROUS CONTENT:</b>	< 1%	<b>pH @ 100%:</b>	13.0
<b>APPEARANCE AND ODOR:</b>	Clear blue liquid with pine odor		

**Section 4: FIRE AND EXPLOSION HAZARDS**

**FLASH POINT:** None **FLAMMABLE LIMITS:** NA  
**EXTINGUISHING MEDIA:** Foam and Water, Dry chemical or carbon dioxide  
**SPECIAL FIREFIGHTING PROCEDURES:** Should use a self-contained breathing apparatus and protective clothing.  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** N/A

**Section 5: HEALTH AND HAZARD DATA**

**EFFECTS OF OVEREXPOSURE:**  
**INGESTION:** Severe irritation on tracheal and gastrointestinal tract **INGESTION:** Give plenty of water, do NOT induce vomiting. Seek medical attention.  
**SKIN:** Severe irritation may occur **SKIN:** Wash with plenty of water  
**EYES:** Severe irritation may occur and possible permanent damage **EYES:** Rinse with plenty of water  
**INHALATION:** Severe irritation to respiratory tract. **INHALATION:** Remove to a well ventilated area.  
**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:** Excessive heat and humidity.  
**INCOMPATIBILITY:** Strong oxidizing materials  
**HAZARDOUS DECOMPOSITION PRODUCTS:** None  
**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 spills with absorbent material. Wash surface with water.  
**WASTE DISPOSAL METHOD:** Dispose in accordance with local, state and federal regulations.  
**HANDLING AND STORAGE:** Avoid High Heat and Humidity

**Section 8: PERSONAL PROTECTION INFORMATION**

**RESPIRATOR PROTECTION:** If exposure exceeds occupational exposure limit use with a NIOSH approved respirator.  
**VENTILATION:** Sufficient ventilation (Moving air)  
**PROTECTIVE GLOVES:** PVC Gloves are recommended  
**EYE PROTECTION:** Full Fitting Goggles  
**OTHER EQUIPMENT:** None

**Section 9: TRANSPORTATION & REGULATORY INFORMATION**

**D.O.T. CLASSIFICATION:** None  
**CALIFORNIA PROP. 65:** None  
**FREIGHT BILL CLASSIFICATION:** None

**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: 1 Flammability 0 Reactivity: 0

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

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