

MATERIAL SAFETY DATA SHEET

MSDS Date: 4/1/04

Supersedes: 6/29/02

Section 1: PRODUCT IDENTIFICATION

PRODUCT NAME: Scotch Pine Liquid Detergent
PRODUCT DESCRIPTION: A pine scented liquid detergent.
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	<3%	25ppm	25ppm

Section 3: PHYSICAL AND CHEMICAL DATA

BOILING POINT:	212 °F	SPECIFIC GRAVITY:	1.037
VAPOR PRESSURE:	N/A	% VOLATILE BY VOLUME:	80-90%
VAPOR DENSITY:	N/A	EVAPORATION RATE:	N/E
SOLUBILITY IN WATER:	Complete	FREEZING POINT:	N/E
PHOSPHOROUS CONTENT:	None	pH @ 100%:	10.50-11.50
APPEARANCE AND ODOR:	Clear, slightly green liquid with pine scented odor.		

Section 4: FIRE AND EXPLOSION HAZARDS

FLASH POINT:	>175°F	FLAMMABLE LIMITS:	None
EXTINGUISHING MEDIA:	N/A		
SPECIAL FIREFIGHTING PROCEDURES:	None		
UNUSUAL FIRE AND EXPLOSION HAZARDS:	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**

STABLE:	X	UNSTABLE:	
CONDITIONS TO AVOID:	Do not mix with anything but water.		
INCOMPATIBILITY:	Strong oxidizing agents, aluminum 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**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 in non - bulk shipments.**CALIFORNIA PROP. 65:** Contains traces of ethylene oxide CAS 75-21-8 and N T A CAS # 139139**FREIGHT BILL CLASSIFICATION:** Cleaning Compound**Note:** This product is composed of chemical components that are believed to be biodegradable under normal environmental exposure.**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: 1 Reactivity: 0

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

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