

MATERIAL SAFETY DATA SHEETMSDS Date: 6/28/02
Supersedes: 6/9/99**Section 1: PRODUCT IDENTIFICATION****PRODUCT NAME:** Industrial Cleaner and Degreaser
PRODUCT DESCRIPTION: A concentrated multi-purpose cleaner
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	<5%	25ppm	25ppm

Section 3: PHYSICAL AND CHEMICAL DATA

BOILING POINT:	212 °F	SPECIFIC GRAVITY:	1.020
VAPOR PRESSURE:	N/A	% VOLATILE BY VOLUME:	75-85%
VAPOR DENSITY:	N/A	EVAPORATION RATE:	N/E
SOLUBILITY IN WATER:	N/E	FREEZING POINT:	N/E
PHOSPHOROUS CONTENT:	<1.5%	pH @ 100%:	12.25-12.75
APPEARANCE AND ODOR:	Clear blue liquid with butyl odor.		

Section 4: FIRE AND EXPLOSION HAZARDS

FLASH POINT:	>200°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 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:** None**OTHER EQUIPMENT:** Not required under normal conditions.**Section 9: TRANSPORTATION & REGULATORY INFORMATION****D.O.T. CLASSIFICATION:** Not DOT regulated**CALIFORNIA PROP. 65:** Contains traces of diethanolamine CAS # 111-42-2**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: 1 Reactivity: 0

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

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