



## MATERIAL SAFETY DATA SHEET

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Revision:  
Revision Date:  
Item No. 13134B  
Issue Date: Dec. 12, 2006

Manufacturer: **Chad Labs Corporation**  
128 Research Drive  
Milford, CT 06460 USA  
(203) 877-3891

### Section: I PRODUCT IDENTIFICATION

Trade Name: Ball Pen Blue Ink # 13134B Color: Blue  
Chemical Family: N/A Formula: Proprietary

### Section: II HAZARDOUS INGREDIENTS

Chemical Name:	CAS No.	Exposure Limits in Air		Other:
		ACGIH (TLV)	OSHA (PEL)	
2-phenoxyethanol	122-99-6	N/A		
2-(2-phenoxyethoxy) ethanol	104-68-7	N/A		

### Section: III PHYSICAL PROPERTIES

Boiling Point: 425° F	Specific Gravity: (Water = 1) 1.150
Melting Point: N/A	Evaporation Rate (But. Acetate = 1) Approx. 0.005
Vapor Pressure: MM hg @ 20° C 0.05	Water Solubility: Slight
Vapor Density: (Air =1) 4	Appearance: Blue Viscous Liquid
Odor: Aromatic	Viscosity @ 25° C. : 6,500 to 8,500 CPS
pH @ 25° C = 8.5 ± 1.0	

### Section: IV FIRE AND EXPLOSION

Flash point: 221° F Method Used: N/A  
Flammable limits in air: Lower: 2.8% Upper: 13.9%  
Autoignition Temperature, F°.: None  
Fire Extinguishing Material: Water Spray: X Foam: X  
Carbon Dioxide: X Dry Chemical:  
Other: \_\_\_\_\_

Special Fire Fighting Procedures: Fireman should be fitted with self-contained breathing apparatus to avoid inhalation of products of combustion

Unusual Fire and Explosion: None Known

Swallowed: N/A

### Section: V HEALTH HAZARD INFORMATION

Symptoms of over exposure for each potential route of exposure:

Inhaled: Little hazard exists at room temperature

Eye Contact: May cause irritation Skin Contact: Colors the skin and may cause drying

Absorbed through skin: None expected Swallowed: None expected

Health effects or risks from exposure: Non-hazardous

Acute: None known

Chronic: None known



referred herein. The data in this MSDS relate only to the specific material designated herein and do not relate to use in combination with any other material or in any process.

End of MSDS