



Consumer Information Sheet #2459

A.T.CROSS COMPANY
ONE ALBION ROAD
LINCOLN, RHODE ISLAND 02865
Phone: (401) 335-8376

BALL PEN INK
RHO-TZ0B-14BI
Used In: Ion Refill - Black, Blue, Purple, Red Gel Ink
Chemical Family: Water/Glycol (Solvents)
Prepared: 2/12/03
Revised:

This is a reproduction of the Ink Manufacturers MSDS for bulk ink. An MSDS for the writing instrument is not required. They are exempt as either "articles", 29 CFR 1910.1200(b)(6)(v), or a "consumer product", 29 CFR 1910.1200(b)(6)(ix). ASTM D-4236 Labeling is also not required for these products.

SECTION I GENERAL INFORMATION

MANUFACTURER NAME: Pilot Corporation

2-8-1 Nishigotanda, shinagawa-ku
Tokyo, Japan

Telephone: 03-5487-8181

Emergency Phone: None Given

Date: 2/28/2000 Prepared by: T. Fukasawa

SECTION II	HAZARDOUS INGREDIENTS		(Specify components)		
CAS-no.	Substance	conc.	Range %	PEL	TLV
107-21-1	*Ethylene Glycol			20	100 PPM (ACGIH)

* SARA III Sec. 313

SECTION III PHYS./CHEM. CHARACTERISTICS

Appearance: Viscous Liquid	Odor: No Smell
Boiling Point (°C): 100	Specific Gravity (H ₂ O=1): ND
Vapor Density (Air = 1): ND	Vapor Pressure (MMHG of Water): ND
Solubility in Water: Perfectly solution	Evaporation Rate (Butylacetate = 1) ND
Pressurized: No	% Volatile: ND

SECTION IV FIRE AND EXPLOSION HAZARDS

Flashpoint (°F): NA	Explosion Limits (Vol%)	LEL = ND / UEL = ND
Extinguishing Media: Water, Dry Chemical Auto-ignition Temp. Deg F: ND		
Special Fire Fighting Procedures: None		
Unusual Fire and Explosion Hazards: NA		
List of Hazardous Decomp. Products: None		

SECTION V STORAGE HAZARDS

Stability: Unstable [] Stable: [X]	Conditions to Avoid: None known
Incompatibility (Material to avoid):	None
Hazardous Decomposition Products: None	

Hazardous Polymerization May Occur [] Will Not Occur [X]

Conditions To Avoid: ND

SECTION VI HEALTH HAZARDS

Signs and Symptoms of Overexposure ND

Acute Health Hazards: ND

Chronic Health Hazards: ND

Medical Condition Generally Aggravated: None known or determined for the product.

Chemicals Listed as Carcinogens: None.

Emergency and First Aid Procedures

Routes of Entry	First Aid Procedures	Seek Medical Advice
Inhalation	NA	
Eyes	Flush eyes for at least 15 minutes with large amounts of water. Get medical attention.	X
Skin	Remove contaminated clothing and wash affected areas with plenty of water and soap.	X
Ingestion	Flush with plenty of water. Call a doctor and contact local poison control center immediately.	X

SECTION VII SPECIAL PRECAUTIONS

Special precautions to be Taken in Handling: None

Other Precautions: None

Steps to be Taken in Case Material is Released or Spilled: Soak up all spills on paper, sawdust, earth or other suitable absorbents and scoop into closed containers. Flush area with water.

Waste Disposal Methods: Dispose of all wastes in accordance with federal, state, and local environmental control regulations.

Toxicological Information: No information available.

Ecological Information: No information available

Transportation Information: D.O. T. Shipping Name: Not regulated.

SECTION VIII SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory Protection: NA

Ventilation: NA

Skin and Eye Protection: Use rubber or polyethylene gloves and goggles.

Work/Hygienic Practices: Avoid contamination of food, drink, etc. No smoking when handling chemicals. After handling, wash hands well with soap and water

_____ No
t applicable = NA
Not determined = ND