

# MATERIAL SAFETY DATA SHEET

## SECTION I - PRODUCT IDENTIFICATION

**CHEMICAL NAME:** Aqueous Solution  
**CHEMICAL FAMILY:** Water/Glycol (Solvents)

**TRADE NAME:** Cleaning Solution  
**INK NUMBER:** 500-CLS

**HAZARD RANKING:** 0 = Least  
1 = Slight  
2 = Moderate  
3 = High  
4 = Extreme

**HMIS HAZARD CLASS:**  
Health = 1  
Flammability = 0  
Reactivity = 0  
PPE = -

## SECTION II - HAZARDOUS INGREDIENTS

<u>INGREDIENT NAME</u>	<u>CAS #</u>	<u>SOURCE</u>	<u>TLV/PEL</u>
Diethylene glycol	111-46-6		Not established

Contains no other ingredient known to retain hazardous properties according to 29 CFR 1910.1200.

## SECTION III - PHYSICAL DATA

**BOILING/MELTING POINT:** >212°F  
**VAPOR PRESSURE:** ND  
**SOLUBILITY IN WATER:** Complete

**SPECIFIC GRAVITY:** 1.01  
**VOLUME % VOLATILE:** ND  
**APPEARANCE & ODOR:** Clear liquid, little odor

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT:** N/A

**FLAMMABLE LIMITS:** N/A

**EXTINGUISHING MEDIA:** N/A

**SPECIAL FIREFIGHTING PROCEDURES:** N/A

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** N/A

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## SECTION V - HEALTH HAZARD DATA

**THRESHOLD LIMIT VALUE:** N/A

**EFFECT OF OVEREXPOSURE:**

Contact with eyes may cause irritation. Ingestion of large quantities may cause abdominal discomfort. Ink itself considered to be relatively non-toxic.

Diethylene glycol can cause skin, eye and mucous membrane irritation. If large amounts are inhaled headache, cough, nausea and vomiting are possible.

**EMERGENCY AND FIRST AID PROCEDURES:**

Flush eyes thoroughly with water. Seek medical attention if irritation persists. For prolonged skin contact, wash contaminated areas with soap and water. If large quantity ingested, give lukewarm water if victim completely conscious. Induce vomiting. Get medical attention.

## SECTION VI - REACTIVITY DATA

**STABILITY:**  Unstable  Stable

**CONDITIONS TO AVOID:** None known.

**INCOMPATIBILITY:** Oxidizing agents.

**HAZARDOUS DECOMPOSITION PRODUCTS:** None known.

**HAZARDOUS POLYMERIZATION:**  May occur  Will not occur

**CONDITIONS TO AVOID:** N/A

## SECTION VII - SPILL OR LEAK PROCEDURES

**STEPS TO BE TAKEN IF SPILLED:**

Soak up with paper or other absorbent material. Put into closed containers. Flush area with plenty of water.

**WASTE DISPOSAL METHOD:**

Landfill or incinerate in accordance with applicable local, state, and federal environmental regulations.

## SECTION VIII - SPECIAL PROTECTION INFORMATION

**RESPIRATORY PROTECTION:** N/A

**VENTILATION:** Mechanical (general) ventilation is acceptable.

**EYE PROTECTION:** Safety goggles or glasses with side shields.

**PROTECTIVE CLOTHING:** Protective gloves required for prolonged or repeated contact.

**OTHER PROTECTIVE EQUIPMENT:** N/A

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## SECTION IX - SPECIAL PRECAUTIONS

### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

In accordance with good industrial work practice, handle with care, avoid spills, unnecessary contact, and wash thoroughly after handling.

### OTHER PRECAUTIONS:

Avoid contamination of food, drink, etc.

### EMPTY CONTAINERS:

Dispose of according to applicable local, state or federal environmental regulations.

## SECTION X - REGULATORY INFORMATION

### SARA TITLE III SECTION 313 SUPPLIER NOTIFICATION:

This product contains the following substances subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372:

<u>CHEMICAL NAME</u>	<u>CAS#</u>	<u>% BY WEIGHT</u>
None		

### CALIFORNIA PROPOSITION 65:

This product contains trace amounts of the following listed substances which the state of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute.

<u>CHEMICAL NAME</u>	<u>CAS#</u>	<u>% BY WEIGHT</u>
None		

### CONEG (Coalition of Northeastern Governors)

No intentional addition of lead, cadmium, mercury or hexavalent chromium has been added to this product. To the best of our knowledge, the total incidental amount of the four metals does not exceed 100ppm.

These values are based on information available from suppliers and not by actual laboratory analysis of finished product.

All information, recommendations, and suggestions appearing herein concerning our product are based upon tests and data believed to be reliable. However, Ink Technology Corporation makes no warranty with respect thereto and expressly disclaims all liability for reliance thereon. This information is offered solely for your consideration, investigation and verification.

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