

## Material Safety Data Sheet

Reference No. TP-MSDS-002  
Revision No. 1

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### 1 PRODUCT IDENTIFICATION

**CHEMICAL NAME:** Aqueous Inkjet Ink

**TRADE NAME:** Postal Blue Inkjet Ink

**CHEMICAL FAMILY:** Dye Based Ink

**PRODUCTS COVERED:** Franking machine  
cartridges

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

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

### 2 HAZARDOUS INGREDIENTS

| <u>INGREDIENT NAME</u> | <u>CAS #</u> | <u>Percentage</u> |
|------------------------|--------------|-------------------|
| Diethylene Glycol      | 111-46-6     | 15-45%            |
| Mixed Dyes             | Proprietary  | 1-10%             |
| Water                  | 7732-18-5    | 60-90%            |

### 3 PHYSICAL DATA

**BOILING/MELTING POINT:** >212°F / <32°F  
**VAPOR PRESSURE:** ND  
**SOLUBILITY IN WATER:** Complete

**SPECIFIC GRAVITY:** 1.0 – 1.05  
**VOLUME % VOLATILE:** ND  
**APPEARANCE & ODOR:** Blue liquid, mild odor

### 4 FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT:** >360 Deg F  
**EXTINGUISHING MEDIA:** N/A  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** N/A

**FLAMMABLE LIMITS:** N/A  
**SPECIAL FIREFIGHTING PROCEDURES:** N/A

### 5 HEALTH HAZARD DATA

**Inhalation:** Inhalation is an unlikely route of exposure for this product. If irritation or other symptoms occur, remove to fresh air. Get medical attention if irritation persists.

**Skin Contact:** Wash affected areas with soap and water. Remove contaminated clothing. Get medical attention if irritation persists.

**Eye Contact:** Flush with plenty of water for 15 minutes, especially under eyelids. Get medical attention if irritation persists.

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Approved suppliers and maintainers of franking machines.  
Totalpost Services Plc operates an ISO 9001:2008  
certified management system, certificate no. 10976.

**Ingestion:** Do not induce vomiting. Consult a physician or poison control centre immediately.

## 6 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

## 7 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.

## 8 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

## 9 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.

## 10 REGULATORY INFORMATION

### RoHS Directive:

This ink does not contain any RoHS materials. These materials include lead, cadmium, hexavalent chromium, mercury, polybrominated biphenyls (PBB) or poly brominated diphenyl ethers (PBDE)

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

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