

## SAFETY DATA SHEET Ver. 1.0

### 1. Product and Company Identification

Product Name: **HistoTec Pen** Part Number: #5725

Manufactured for:

Newcomer Supply, Inc.  
 2505 Parview Road  
 Middleton, WI 53562-2579  
 (800) 383-7799  
 (608) 831-0866  
 www.newcomersupply.com

**Emergency Telephone Number**

**Emergency number:** CHEMTREC 800-424-9300 (USA & Canada)  
 CHEMTREC 703-527-3887 (International)  
 Non-transport 972-436-1010 (USA)

|                   |               |            |         |     |
|-------------------|---------------|------------|---------|-----|
| <b>Reference:</b> | Date of Issue | 2017/01/20 | Version | 1.0 |
|-------------------|---------------|------------|---------|-----|

### 2. Hazards Identification

[GHS Category]

**PHYSICO-CHEMICAL HAZARDS**

Not corresponding to classification criteria.

**HEALTH HAZARDS**

- Acute toxicity(oral) : Cannot be classified
- Acute toxicity(skin) : Cannot be classified
- Acute toxicity(inhalation) : Cannot be classified
- Skin corrosion/irritation : Category2
- Serious eye damage/Eye Irritation : Category2
- Respiratory sensitizer : Cannot be classified
- Skin sensitizer : Cannot be classified
- Germ cell mutagenicity : Cannot be classified
- Carcinogenicity : Category2
- Toxic to reproduction : Category1 B
- Specific target organ systemic toxicity(single exposure) : Category1
- Specific target organ systemic toxicity(repeated exposure) : Category1
- Aspiration hazard : Cannot be classified

**ENVIRONMENTAL HAZARDS**

- Hazard to the Aquatic Environment (Acute) : Category3
- Hazard to the Aquatic Environment (Chronic) : Category3

[GHS LABEL ELEMENTS] Pictograms:



|                         |  |
|-------------------------|--|
| Signal Word             | Danger   |
| Hazard Statement        | <p>Causes skin irritation.</p> <p>Causes serious eye damage.</p> <p>Suspected of causing cancer.</p> <p>May damage fertility or the unborn child.</p> <p>Causes damage to organs.</p> <p>Causes damage to organs through prolonged or repeated exposure.</p> <p>Harmful to aquatic life.</p> <p>Harmful to aquatic life with long lasting effect.</p>  |
| Precautionary Statement | <p>Obtain special instructions before use.</p> <p>Do not handle until all safety precautions have been read and understood.</p> <p>Wear personal protective equipment as required.</p> <p>During use or drying process, provide adequate ventilation and do not inhale vapor.</p> <p>In case of eye contact, flush eye with large amount of water and get medical attention immediately.</p> <p>Do not eat, drink or smoke when using this product.</p> <p>Wash hands thoroughly after handling.</p> <p>IF exposed or may be exposed, get medical attention/advice.</p> <p>In case of skin contact, wash with plenty of soap and water.</p> <p>IF exposed or if you feel unwell: Get immediate medical advice/attention.</p> <p>Contact an accredited disposal contractor for disposal of the product and the container.</p> |

### 3. Composition/information on Ingredients

| Substance or Preparation   | Preparation    | CAS No.        | EINECS |
|----------------------------|----------------|----------------|--------|
| Component(s)               | %(W/W)         |                |        |
| Carbon black               | 10-20          | 1333-86-4      |        |
| Ammonia, anhydrous         | 0.1-1          | 7664-41-7      |        |
| Propan-2-ol                | 0.1-1          | 67-63-0        |        |
| Ethane-1,2-diol            | 1-5            | 107-21-1       |        |
| Dispersant 1               | Non-Disclosure | Registere      |        |
| Water                      | 0.1-1          | d7732-18-      |        |
| 1,2-Benzisotiazoline-3-one |                | 5<br>2634-33-5 |        |

Ammonia: The content of ammonia is the corresponding value in weight derived from aqueous ammonia

### 4. First Aid Measures

|                         |   |
|-------------------------|---|
| Eye contact             | <p>Immediately flush eyes with large amount of water for at least 15 minutes while holding eyelids open.</p> <p>Get medical attention immediately.</p>  |
| Skin contact Inhalation | <p>Remove contaminated clothing. Flush exposed area with water and follow by washing with soap if available.</p> <p>Remove to fresh air, if not breathing, give artificial respiration</p> <p>If breathing is difficult, give oxygen, Get medical attention immediately</p> |

Ingestion                                  If swallowed, wash out the mouth. Never give anything by mouth to an unconscious person.  
Get medical attention immediately.

**5.Fire Fighting Measures**

Fire Fighting Extinguish        Remove all sources of ignition and extinguish with the designated extinguisher.  
media                                      Water spray, foam, dry chemical powder, carbon dioxide

**6.Accidental Release Measure**

In the case of                                  Wipe with the materials such as waste cloth.  
small quantity  
In the case of                                  Pick up to the container after leading to the safer place by using sand,  
large quantity                                      earth, or other appropriate barriers.  
Prevent from spreading or entering drains, ditches or rivers.

**7.Handling & Storage**

Handling                                      Avoid the damage to the container.  
Storage                                         Must be stored in a well-ventilated area, away from sunlight, ignition sources and other sources of heat.  
Stir the product before use when stored for a long time.

**8.Exposure Control/Personal Protection**

Exposure limits                            ACGIH:100mg/m3 (aerosol Upper) (Ethane-1,2-  
diol) Equipment                              Install the local exhaust ventilator and eyewash  
stations. Personal protection        Wear safety eyewear, protective gloves and  
protective mask.

**9.Physical and Chemical Properties**

Appearance                                 : BlackLiquid  
Flash point                                  : Not available  
Explosion limit                              : Lower:Not available    Upper:Not available  
Boiling point                                 : 100°C  
Melting point                                : Not available  
Density                                         : Not available  
Solubility                                     : It is Soluble in Water.  
Ignition point                                : Not available  
Vapor pressure                              : Not available  
Volatility                                      : Not available  
Initial boiling point                        : Not available  
Other properties                              : Not available

## 10. Stability and Reactivity

|                               |   |
|-------------------------------|---|
| Flammability                  | : None                                  |
| Combustibility                | : Not applicable                        |
| Oxidizing properties          | : Not applicable                        |
| Self-reactivity/Explosibility | : Not applicable                        |
| Dust explosibility            | : Not applicable                        |
| Stability                     | : Stable under normal condition of use. |
| Other properties              | : No information available              |

## 11. Toxicological Information

|  |  |
|--|--|
| Acute toxicity (Oral)                                      | : LD50(oral) >5,000mg/kg(calculated value)     |
| Acute toxicity(skin)                                       | : LD50(skin) >5,000mg/kg(calculated value)     |
| Acute toxicity (Inhalation)                                | : LC50(inhalation) >50.0mg/L(calculated value) |
| Skin corrosion/irritation                                  | : Information of Ammonia, anhydrous            |
| Serious eye damage/eye irritation                          | : Information of Ammonia, anhydrous            |
| Respiratory sensitizer                                     | : No information available                     |
| Skin sensitizer  | : No information available                     |
| Germ cell mutagenicity                                     | : Information of Ethane-1,2-diol               |
| Carcinogenicity  | : Information of Carbon black                  |
| Toxic to reproduction                                      | : Information of Ethane-1,2-diol               |
| Specific target organ systemic toxicity(single exposure)   | : Causes damage to organ Ethane-1,2-diol       |
| Specific target organ systemic toxicity(repeated exposure) | : Causes damage to organ Carbon black          |
|  | : Causes damage to organ Ethane-1,2-diol       |
| Aspiration hazard  | : No information available                     |
| ENVIRONMENTAL HAZARDS                                      |  |
| Hazard to the Aquatic Environment (Acute)                  | : Information of Ammonia, anhydrous            |
| Hazard to the Aquatic Environment (Chronic)                | : Information of Ammonia, anhydrous            |

## 12. Ecological Information

|                         |                            |
|-------------------------|----------------------------|
| decomposition nature    | : No information available |
| Accumulative properties | : No information available |
| Fish toxicity           | : No information available |
| Other hazards           | : No information available |

### 13. Disposal Considerations

Do not dump this material into sewers, on the ground or into any body of water. Comply with all relevant regulations.

Contact an accredited disposal contractor for the special advice.

### 14. Transport Information

Class : Not applicable

UN-Number : Not applicable

### 15. Regulatory Information

Please refer to (any other) national measures that may be relevant.

### 16. Other Information