


|   |  |                           |            |   |               |            |
|---|--|---------------------------|------------|---|---------------|------------|
|  | <b>MSDS Material Safety Data Sheet</b> |                           |            |   | <b>STATUS</b> | Controlled |
|   | <b>MSDS No</b>                         | MSDS-30                   | <b>REV</b> | 1 | ECO           | 11-0438    |
|   | <b>Last Review Date</b>                | 12/27/11                  |            |   | Page 1 of 6   |            |
|   | <b>Product Name</b>                    | ProTime 3 Channel Cuvette |            |   |               |            |

## 1 PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** ProTime 3 Channel Cuvette  
**Item Codes:** PRO3-4, PRO3-25, PRO3-50, L21-01-0004, L21-01-0025, L21-01-0050  
**Revision Date:** 12/27/11  
  
*Company Name* ITC  
*Company Address* 8 Olsen Ave  
*City, State, Zip* Edison, NJ 08820  
  
For MSDS (800) 631-5945  
Assistance call: (732) 548-5700 7:30 am – 7:30 pm EST

**For Emergencies, call 911 immediately (US Only)**

## 2 COMPOSITION / INFORMATION ON INGREDIENTS


| <u>Hazardous Component</u> | <u>CAS #</u> | <u>%</u>  |
|----------------------------|--------------|-----------|
| Benzamidine Hydrochloride  | 206752-36-5  | Not Avail |
| Disodium EDTA              | 6381-92-6    | Not Avail |

## 3 HAZARDS IDENTIFICATION

### Emergency Overview

PRODUCT IS AN ODORLESS PASTE IN A PLASTIC CUVETTE. IT IS NOT FLAMMABLE.

CONTACT WITH CONTENTS OF PRODUCT IS UNLIKELY DURING INTENDED USE. DIRECT CONTACT WITH EYES, MAY CAUSE IRRITATION. IMMEDIATELY FLUSH WITH WATER. USED PRODUCT SHOULD BE CONSIDERED A BIOHAZARD. FOLLOW UNIVERSAL PRECAUTIONS.


|   |  |                           |            |   |               |            |
|---|--|---------------------------|------------|---|---------------|------------|
|  | <b>MSDS Material Safety Data Sheet</b> |                           |            |   | <b>STATUS</b> | Controlled |
|   | <b>MSDS No</b>                         | MSDS-30                   | <b>REV</b> | 1 | ECO           | 11-0438    |
|   | <b>Last Review Date</b>                | 12/27/11                  |            |   | Page 2 of 6   |            |
|   | <b>Product Name</b>                    | ProTime 3 Channel Cuvette |            |   |               |            |

|   |  |
|---|--|
| <b>Potential Health Effects:</b>              |  |
| <b>Eye</b>                                    | Direct contact with contents of product with eyes may cause irritation. Such contact is unlikely with intended use. Eye contact with used product should be considered a potential biohazard exposure.                               |
| <b>Skin</b>                                   | Contact with contents of product is unlikely with intended use. No adverse effects expected. Contact with used product and non-intact skin should be considered a potential biohazard exposure.                                      |
| <b>Ingestion</b>                              | None expected. Ingestion of used product should be considered a potential biohazard exposure. Ingestion is unlikely with intended use.   |
| <b>Inhalation</b>                             | Inhalation of aerosol formed with contents of product may result in respiratory tract irritation. However, inhalation is unlikely with intended use. Inhalation of used product should be considered a potential biohazard exposure. |
| <b>Chronic Effects</b>                        | None expected. Neither the product nor its components are listed by IARC, NTP, or OSHA as carcinogens or potential carcinogens.  |
| <b>Signs &amp; Symptoms</b>                   | Irritation to the eyes or respiratory tract  |
| <b>Aggravation Of Pre-Existing Conditions</b> | None Expected. As with any respiratory irritant, persons with impaired respiratory function may be more susceptible to the effects of the product.   |

#### 4 FIRST AID MEASURES

|                    |  |
|--------------------|--|
| <b>Eyes:</b>       | Immediately flush eye(s) with water for at least fifteen minutes occasionally lifting the upper and lower lids. Should irritation of the eye(s) persist, seek medical attention. Eye contact with used product should be considered a biohazard exposure incident.   |
| <b>Skin:</b>       | In case of skin contact with contents of product wash the area with soap and water. Remove contaminated clothing and shoes. Wash clothing and shoes before reuse. Non-intact skin contact with used product should be considered a biohazard exposure incident.  |
| <b>Inhalation:</b> | Remove exposed person to fresh air (away from contents of aerosolized product). If exposed person is not breathing, give artificial respiration. If inhalation has resulted in labored breathing, respiratory tract irritation or other symptoms, seek medical attention. Inhalation of used product should be considered a biohazard exposure incident. |
| <b>Ingestion:</b>  | Do not induce vomiting. Wash mouth out with water. Then, drink several cups of water. Never give anything by mouth to an unconscious person. Ingestion of used product should be considered a biohazard exposure incident.   |



|   |  |                           |            |   |               |            |
|---|--|---------------------------|------------|---|---------------|------------|
|  | <b>MSDS Material Safety Data Sheet</b> |                           |            |   | <b>STATUS</b> | Controlled |
|   | <b>MSDS No</b>                         | MSDS-30                   | <b>REV</b> | 1 | ECO           | 11-0438    |
|   | <b>Last Review Date</b>                | 12/27/11                  |            |   | Page 3 of 6   |            |
|   | <b>Product Name</b>                    | ProTime 3 Channel Cuvette |            |   |               |            |

## 5 FIREFIGHTING MEASURES

|  |  |
|--|--|
| <b>Flash Point:</b>                        | Not applicable   |
| <b>Autoignition Temperature:</b>           | Not applicable   |
| <b>Flammability Classification</b>         | Not applicable   |
| <b>LEL:</b>                                | Not applicable   |
| <b>UEL:</b>                                | Not applicable   |
| <b>Explosion:</b>                          | Not applicable. Product will not explode   |
| <b>Fire Extinguishing Media:</b>           | The paste in this product may burn at high temperatures. Plastic components in the product will also burn. Use media suitable for bulk refuse and plastics. Do not allow water or other extinguishing runoff to enter sewers or waterways. |
| <b>Special Information:</b>                | In the event of a fire, wear full protective clothing and NIOSH- approved self-contained breathing apparatus (SCBA) with a full face piece operated in the pressure demand or other positive pressure mode.                                |
| <b>Hazardous Decomposition Properties:</b> | Plastics portions of the product will emit an acrid smoke when burning. Smoke may contain carbon monoxide, carbon dioxide and various hydrocarbons. Avoid inhalation.  |

## 6 ACCIDENTAL RELEASE MEASURES


For releases involving the contents of a small number of product containers, clean-up with slightly moist absorbent pad, paper towel, or equivalent. Wear liquid impervious gloves during clean-up. Lightweight gloves are sufficient. Goggles should be worn when the potential for forming aerosol exists. Do not allow the material to enter a floor drain, sink, sewer, or storm drain. Place waste in an approved chemical waste container.

For releases involving larger quantities of the contents of product containers, for example a damaged pallet of product, use slightly moistened absorbent pads or rags to clean-up released material. Wear heavy gauge liquid impervious gloves and goggles during clean-up. Where foot or other body contact with product may occur, wear boots and a liquid impervious apron or coverall. Do not allow the material to enter a floor drain, sink, sewer, or storm drain. Place waste in an approved chemical waste container.

## 7 HANDLING AND STORAGE

During use and with used product, the product should be handled as a potential biohazard. Due to this, users should wear gloves during use. Where contents of product may be aerosolized, goggles should be used. Always wash hands thoroughly after use and before consuming food or beverage, using tobacco products, applying cosmetics, or otherwise engaging in hand to mouth activities. Used product should be handled as a potential biohazard.

Store at room temperature or lower. Avoid contact with strong oxidizing agents.

|   |  |                           |            |   |             |               |            |
|---|--|---------------------------|------------|---|-------------|---------------|------------|
|  | <b>MSDS Material Safety Data Sheet</b> |                           |            |   |             | <b>STATUS</b> | Controlled |
|   | <b>MSDS No</b>                         | MSDS-30                   | <b>REV</b> | 1 | ECO         | 11-0438       |            |
|   | <b>Last Review Date</b>                | 12/27/11                  |            |   | Page 4 of 6 |               |            |
|   | <b>Product Name</b>                    | ProTime 3 Channel Cuvette |            |   |             |               |            |

## 8 EXPOSURE CONTROLS/ PERSONAL PROTECTION

|                             |  |
|-----------------------------|--|
| <b>Eyes/Face</b>            | If product may be aerosolized, wear goggles                                      |
| <b>Skin</b>                 | No special protective equipment necessary  |
| <b>Respiratory</b>          | Respiratory protection is not necessary during the intended use of this Product. |
| <b>Exposure Guidelines:</b> |  |

| <u>Ingredients</u>        | <u>OSHA PEL</u> | <u>ACGIH TLV</u> |
|---------------------------|-----------------|------------------|
| Benzamidine Hydrochloride | Not Established | Not Established  |
| Disodium EDTA             | Not Established | Not Established  |
|                           |                 |                  |


## 9 PHYSICAL AND CHEMICAL PROPERTIES

|                                      |                          |
|--------------------------------------|--------------------------|
| <b>Description:</b>                  | Paste in Plastic Cuvette |
| <b>Appearance: (including color)</b> | Paste in Plastic Cuvette |
| <b>Odor:</b>                         | None Discernable         |
| <b>Solubility:</b>                   | Soluble in water         |
| <b>pH:</b>                           | Not Determined           |
| <b>Flash Point</b>                   |                          |
| <b>Boiling Point:</b>                | Not Determined           |
| <b>Melting Point:</b>                | Not Determined           |
| <b>Density:</b>                      | Not Determined           |
| <b>Vapor Density:</b>                | Not Determined           |
| <b>Vapor Pressure:</b>               | Not Determined           |

## 10 STABILITY AND REACTIVITY

|                                 |   |
|---------------------------------|---|
| <b>Stability:</b>               | Stable under normal conditions.   |
| <b>Conditions to Avoid:</b>     | None known  |
| <b>Hazardous Decomposition:</b> | Hazardous decomposition will not occur  |
| <b>Incompatibilities:</b>       | Avoid storage above room temperature. Avoid contact with strong oxidizing agents. |



|   |                                 |                           |     |   |             |         |            |
|---|---------------------------------|---------------------------|-----|---|-------------|---------|------------|
|  | MSDS Material Safety Data Sheet |                           |     |   |             | STATUS  | Controlled |
|   | MSDS No                         | MSDS-30                   | REV | 1 | ECO         | 11-0438 |            |
|   | Last Review Date                | 12/27/11                  |     |   | Page 5 of 6 |         |            |
|   | Product Name                    | ProTime 3 Channel Cuvette |     |   |             |         |            |

## 11 TOXICOLOGICAL INFORMATION

Toxicological data for the product is not currently available. Inhalation and/or ingestion exposures to the product are unlikely with intended use.

|                                     |                                      |                                    |
|-------------------------------------|--------------------------------------|------------------------------------|
| Disodium EDTA                       | Mouse, LD50, Oral<br>Rat, LD50, Oral | Not Established<br>2,000 mg/kg     |
| <b>Benzamidine</b><br>Hydrochloride | Mouse, LD50, Oral<br>Rat, LD50, Oral | Not Established<br>Not Established |

Neither the product nor its components are listed by IARC, NTP, or OSHA as carcinogens or potential carcinogens.

## 12 ECOLOGICAL INFORMATION

Ecological testing has not been reported for this product. The contents of the vial will generally mix with and will remain on solid surfaces following release.

Significant releases of product into the environment are not expected with intended use. Environmental effects of releases are expected to be inconsequential.

Used material should be considered a biohazard


## 13 DISPOSABLE CONSIDERATIONS

### General:

Released contents of product should be recovered and disposed. Typical releases will most likely be quite small (12 milliliters or less). Used product should be considered a biohazard. Dispose of container and unused contents in accordance with applicable federal, state and local regulations. Individual state and local regulations may differ from federal regulations. Used material should be considered a biohazard.

## 14 TRANSPORTATION INFORMATION

|             |               |
|-------------|---------------|
| <b>DOT</b>  | Not Available |
| <b>IATA</b> | Not Available |

|   |                                 |                           |     |   |             |         |            |
|---|---------------------------------|---------------------------|-----|---|-------------|---------|------------|
|  | MSDS Material Safety Data Sheet |                           |     |   |             | STATUS  | Controlled |
|   | MSDS No                         | MSDS-30                   | REV | 1 | ECO         | 11-0438 |            |
|   | Last Review Date                | 12/27/11                  |     |   | Page 6 of 6 |         |            |
|   | Product Name                    | ProTime 3 Channel Cuvette |     |   |             |         |            |

## 15 REGULATORY INFORMATION

### Chemical Inventory Status

| <u>Inventory</u>     | <u>Status</u>                                  |
|----------------------|--|
| United States (TSCA) | The chemical ingredients are on the inventory. |

Individual states have their own Right-to Know Programs and chemical inventories. The following list presents the ingredients and indicates their presence or absence selected state hazardous chemical inventories. A "yes" indicates the material is listed on an inventory.

| <b>Ingredient:</b>          | <b>NJ</b> | <b>CA<br/>(Prop 65)</b> | <b>FL</b> | <b>MA</b> | <b>PA</b> |
|-----------------------------|-----------|-------------------------|-----------|-----------|-----------|
| Benzamidinium Hydrochloride | No        | No                      | No        | No        | No        |
| Disodium EDTA               | No        | No                      | No        | No        | No        |

## 16 OTHER INFORMATION

This MSDS document is provided by ITC as a courtesy to its customers. The information contained in this MSDS was compiled using the latest and most reliable information available to ITC. As of the date of preparation of this document, the information is believed to be accurate and is provided in good faith to comply with applicable laws and regulations.

To the extent permitted by law, no warranty, express or implied, regarding the product described herein shall be created by or inferred from any statement or omission from this MSDS. It is solely the responsibility of the user to determine safe conditions for use of this product and to assume liability for any loss, damage or expense whatsoever arising out of the product's improper use. ITC will not assume any liability for any loss or damage arising out of the use of this information, including, without limitation, direct or indirect losses or expenses.

ITC reserves the right to update this document without prior notice based on new information.