



## Safety Data Sheet

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This Safety Data Sheet has been prepared in accordance with the Canadian Hazardous Products Regulations.

### SECTION 1: Identification

#### 1.1. Product identifier

3M(TM) ATTEST(TM) BIOLOGICAL INDICATORS for Steam 1261, 1261P, 1262, 1262P & 1262-S

##### Product Identification Numbers

|                |                |                |                |                |
|----------------|----------------|----------------|----------------|----------------|
| 43-7500-4296-2 | 70-2004-5060-2 | 70-2004-8133-4 | 70-2005-0348-3 | 70-2005-0349-1 |
| 70-2005-0440-8 | 70-2005-0441-6 | 70-2005-3864-6 | 70-2006-4440-2 | 70-2006-4903-9 |
| 70-2006-9412-6 | 70-2007-5058-9 | 70-2010-0555-3 | H0-0022-7412-6 | H0-0022-7413-4 |
| H0-0022-7414-2 | H0-0023-0691-0 | HB-0044-1786-9 | HB-0047-7257-8 | WH-0000-0016-3 |

#### 1.2. Recommended use and restrictions on use

##### Intended Use

Sterilization process indicator

##### Specific Use

To indicate attainment of conditions for sterilization.

##### Restrictions on use

Not applicable

#### 1.3. Supplier's details

|                   |  |
|-------------------|--|
| <b>Company:</b>   | 3M Canada Company  |
| <b>Division:</b>  | Medical Solutions Division   |
| <b>Address:</b>   | 1840 Oxford Street East, Post Office Box 5757, London, Ontario N6A 4T1 |
| <b>Telephone:</b> | (800) 364-3577   |
| <b>Website:</b>   | www.3M.ca  |

#### 1.4. Emergency telephone number

Medical Emergency Telephone:1-800-3M HELPS / 1-800-364-3577; Transportation Emergency Telephone (CANUTEC): (613) 996-6666

### SECTION 2: Hazard identification

This product is exempt from hazard classification according to Canadian Hazardous Products Regulations for the following reason(s):

Manufactured article.

**2.1. Classification of the substance or mixture**

Not classified according to the Canadian Hazardous Products Regulation.

**2.2. Label elements****Signal word**

Not applicable.

**Symbols**

Not applicable.

**Pictograms**

Not applicable.

**2.3. Other hazards**

None known.

**SECTION 3: Composition/information on ingredients**

This material is a mixture.

| Ingredient                          | C.A.S. No. | % by Wt | Common Name       |
|-------------------------------------|------------|---------|-------------------|
| BROMOCRESOL PURPLE, MONOSODIUM SALT | 62625-30-3 | < 0.001 | No Data Available |
| DEXTROSE                            | 50-99-7    | < 0.19  | D-Glucose         |
| Inosine                             | 58-63-9    | < 0.001 | No Data Available |
| L-ALANINE                           | 56-41-7    | < 0.004 | No Data Available |
| L-Tyrosine                          | 60-18-4    | < 0.01  | No Data Available |
| Water                               | 7732-18-5  | 99.8    | Water             |

**SECTION 4: First aid measures****4.1. Description of first aid measures****Inhalation:**

No need for first aid is anticipated. If symptoms develop, remove the affected person to fresh air. Get medical attention.

**Skin Contact:**

If exposed, wash with soap and water. If signs/symptoms develop, get medical attention.

**Eye Contact:**

If exposed, flush eyes with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms develop, get medical attention.

**If Swallowed:**

Rinse mouth. If you feel unwell, get medical attention.

**4.2. Most important symptoms and effects, both acute and delayed**

No critical symptoms or effects. See Section 11.1, information on toxicological effects.

**4.3. Indication of any immediate medical attention and special treatment required**

Not applicable

**SECTION 5: Fire-fighting measures****5.1. Suitable extinguishing media**

In case of fire: Use a fire fighting agent suitable for ordinary combustible material such as water or foam to extinguish.

### **5.2. Special hazards arising from the substance or mixture**

None inherent in this product.

### **5.3. Special protective actions for fire-fighters**

Wear full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA). Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

## **SECTION 6: Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

Ventilate the area with fresh air. Observe precautions from other sections.

### **6.2. Environmental precautions**

Avoid release to the environment.

### **6.3. Methods and material for containment and cleaning up**

Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue with an appropriate solvent selected by a qualified and authorized person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and SDS. Seal the container. Dispose of collected material as soon as possible in accordance with applicable local/regional/national/international regulations.

## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

Avoid skin contact with hot material.

### **7.2. Conditions for safe storage including any incompatibilities**

No special storage requirements.

## **SECTION 8: Exposure controls/personal protection**

### **8.1. Control parameters**

#### **Occupational exposure limits**

No occupational exposure limit values exist for any of the components listed in Section 3 of this SDS.

### **8.2. Exposure controls**

#### **8.2.1. Engineering controls**

No engineering controls required.

#### **8.2.2. Personal protective equipment (PPE)**

##### **Eye/face protection**

None required.

##### **Skin/hand protection**

No chemical protective gloves are required.

##### **Respiratory protection**

None required.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|  |   |
|--|---|
| <b>Physical state</b>                                | Liquid  |
| <b>Specific Physical Form:</b>                       | Glass ampule with test strip and media, enclosed in a covered plastic vial. |
| <b>Colour</b>  | Multicolour   |
| <b>Odour</b>   | Nearly Odourless  |
| <b>Odour threshold</b>                               | <i>Not Applicable</i>   |
| <b>pH</b>  | Approximately 7.5 [Details:(applies to media)]                              |
| <b>Melting point/Freezing point</b>                  | <i>No Data Available</i>  |
| <b>Boiling point</b>                                 | Approximately 100 °C [Details:(applies to media)]                           |
| <b>Flash Point</b>                                   | 121.1 °C  |
| <b>Evaporation rate</b>                              | <i>No Data Available</i>  |
| <b>Flammability (solid, gas)</b>                     | Not Applicable  |
| <b>Flammable Limits(LEL)</b>                         | <i>Not Applicable</i>   |
| <b>Flammable Limits(UEL)</b>                         | <i>Not Applicable</i>   |
| <b>Vapour Pressure</b>                               | <i>Not Applicable</i>   |
| <b>Vapour Density and/or Relative Vapour Density</b> | <i>Not Applicable</i>   |
| <b>Density</b>                                       | 1 g/ml  |
| <b>Relative density</b>                              | Approximately 1 [Ref Std: WATER=1]  |
| <b>Water solubility</b>                              | Negligible  |
| <b>Solubility- non-water</b>                         | <i>Not Applicable</i>   |
| <b>Partition coefficient: n-octanol/ water</b>       | <i>No Data Available</i>  |
| <b>Autoignition temperature</b>                      | <i>Not Applicable</i>   |
| <b>Decomposition temperature</b>                     | <i>Not Applicable</i>   |
| <b>Viscosity/Kinematic Viscosity</b>                 | <i>No Data Available</i>  |
| <b>Volatile Organic Compounds</b>                    | <i>Not Applicable</i>   |
| <b>Percent volatile</b>                              | Approximately 0 %   |
| <b>VOC Less H2O &amp; Exempt Solvents</b>            | <i>No Data Available</i>  |
| <b>Molecular weight</b>                              | <i>No Data Available</i>  |

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

This material is considered to be non reactive under normal use conditions.

### 10.2. Chemical stability

Stable.

### 10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

### 10.4. Conditions to avoid

None known.

### 10.5. Incompatible materials

None known.

### 10.6. Hazardous decomposition products

#### Substance

Not applicable.

#### Condition

Not Specified

## SECTION 11: Toxicological information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labeling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

### 11.1. Information on Toxicological effects

#### Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

#### Inhalation:

No health effects are expected.

#### Skin Contact:

Contact with the skin during product use is not expected to result in significant irritation.

#### Eye Contact:

Contact with the eyes during product use is not expected to result in significant irritation.

#### Ingestion:

Physical Blockage: Signs/symptoms may include cramping, abdominal pain, and constipation.

#### Toxicological Data

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

#### Acute Toxicity

| Name            | Route     | Species | Value  |
|-----------------|-----------|---------|--|
| Overall product | Ingestion |         | No data available; calculated ATE >5,000 mg/kg |

ATE = acute toxicity estimate

#### Skin Corrosion/Irritation

For the component/components, either no data are currently available or the data are not sufficient for classification.

#### Serious Eye Damage/Irritation

For the component/components, either no data are currently available or the data are not sufficient for classification.

#### Skin Sensitization

For the component/components, either no data are currently available or the data are not sufficient for classification.

#### Respiratory Sensitization

For the component/components, either no data are currently available or the data are not sufficient for classification.

#### Germ Cell Mutagenicity

For the component/components, either no data are currently available or the data are not sufficient for classification.

#### Carcinogenicity

For the component/components, either no data are currently available or the data are not sufficient for classification.

#### Reproductive Toxicity

### **Reproductive and/or Developmental Effects**

For the component/components, either no data are currently available or the data are not sufficient for classification.

### **Target Organ(s)**

#### **Specific Target Organ Toxicity - single exposure**

For the component/components, either no data are currently available or the data are not sufficient for classification.

#### **Specific Target Organ Toxicity - repeated exposure**

For the component/components, either no data are currently available or the data are not sufficient for classification.

### **Aspiration Hazard**

For the component/components, either no data are currently available or the data are not sufficient for classification.

**Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.**

## **SECTION 12: Ecological information**

No data available.

## **SECTION 13: Disposal considerations**

### **13.1. Disposal methods**

Dispose of contents/ container in accordance with the local/regional/national/international regulations.

Prior to disposal, consult all applicable authorities and regulations to insure proper classification. Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, incinerate in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. Empty and clean product containers may be disposed as non-hazardous waste. Consult your specific regulations and service providers to determine available options and requirements.

## **SECTION 14: Transport Information**

For Transport Information, please visit <http://3M.com/Transportinfo> or call 1-800-364-3577 or 651-737-6501.

## **SECTION 15: Regulatory information**

### **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

#### **Global inventory status**

Contact 3M for more information.

## **SECTION 16: Other information**

**National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.**

**Health: 0 Flammability: 1 Instability: 0 Special Hazards: None**

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**HMIS Hazard Classification**

**Health: 0 Flammability: 1 Physical Hazard: 0 Personal Protection: X** - See PPE section.

Hazardous Material Identification System (HMIS® IV) hazard ratings are designed to inform employees of chemical hazards in the workplace. These ratings are based on the inherent properties of the material under expected conditions of normal use and are not intended for use in emergency situations. HMIS® IV ratings are to be used with a fully implemented HMIS® IV program. HMIS® is a registered mark of the American Coatings Association (ACA).

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