

Issue Date: 13/06/2017
 Last Revision Date: 14/02/2024
 Superseded Date: 13/06/2017
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SECTION 1 PRODUCT IDENTIFICATION

1.1 Product Identifier

Product Name: 3M Attest Biological Indicator
Product Identification Numbers 70-2005-0348-3 70-2005-0349-1 70-2005-0440-8 70-2005-0441-6

1.2. Recommended use and restrictions on use

Recommended Use: Sterilization process indicator, To indicate attainment of conditions for sterilization.
 For Industrial or Professional use only

SECTION 2 HAZARD IDENTIFICATION

This product is NOT classified as a hazardous chemical according to the Model Work Health and Safety Regulations, 2011

This product is an article and is not regulated by the Model Work Health and Safety Regulations (2011) because, it is not classified as hazardous. When used as recommended or under ordinary conditions, it should not present a health and safety hazard. However, use or processing of the product not in accordance with the product's recommendations or not under ordinary conditions may affect the performance of the product and may present potential health and safety hazards.

Refer to Section 14 of this Safety Data Sheets for product Dangerous Goods Classification

2.1. Classification of the substance or mixture

Not applicable.

2.2. Label elements

Signal word: Not applicable.
Symbols: Not applicable.
Pictograms: Not applicable.

2.3. Other assigned/identified product hazards

None known.

2.4. Other hazards which do not result in classification

None known.

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

This material is a mixture.

Ingredient	CAS No.	% by Weight
Plastic vial and cap	Unknown	40 - 55
Growth media containing carbohydrates, amino acids, bromcresol purple	None	30 - 40
Glass ampule	None	15 - 30
Spore strip with geobacillus stearothermophilus (previously bacillus stearothermophilus)	None	<1

SECTION 4 FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation: No need for first aid is anticipated.
Skin contact: No need for first aid is anticipated.

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Eye contact: No need for first aid is anticipated.

If swallowed: No need for first aid is anticipated.

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

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

Material will not burn

5.2. Special hazards arising from the substance or mixture

None inherent in this product.

5.3. Special protective actions for fire-fighters

No special protective actions for fire-fighters are anticipated.

SECTION 6 ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Not applicable.

6.2. Environmental precautions

Not applicable.

6.3. Methods and material for containment and cleaning up

Not applicable.

SECTION 7 HANDLING AND STORAGE

7.1. Precautions for safe handling

This product is considered to be an article which does not release or otherwise result in exposure to a hazardous chemical under normal use conditions.

7.2. Conditions for safe storage including any incompatibilities

Not applicable.

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 Safety Data Sheet.

8.2. Exposure controls

8.2.1. Engineering controls

Not applicable.

8.2.2. Personal protective equipment (PPE)

Eye/face protection: Eye protection not required.

Skin/hand protection: No protective gloves required.

Respiratory protection: Respiratory protection is not required.

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SECTION 9 PHYSICAL/CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state	Solid.
Specific Physical Form:	Glass ampule with test strip and media, enclosed in a covered plastic vial.
Appearance/Odour:	Glass ampule with test strip and media, enclosed in a covered plastic vial.
Odour threshold:	Not applicable.
pH:	±7.5 [Details: (applies to media)]
Melting point/Freezing point:	No data available.
Boiling point/Initial boiling point/Boiling range:	± 100 °C [DETAILS: (APPLIES TO MEDIA)]
Flash point:	Not applicable.
Evaporation rate:	No data available.
Flammability (solid, gas):	Not classified
Flammable Limits(LEL):	Not applicable.
Flammable Limits(UEL):	Not applicable.
Vapour pressure:	Not applicable.
Vapour density:	Not applicable.
Density:	1 g/ml
Relative density:	±1 [Ref Std: WATER=1]
Water solubility:	Negligible
Solubility- non-water:	Not applicable.
Partition coefficient: n-octanol/water	No data available.
Autoignition temperature:	Not applicable.
Decomposition temperature:	Not applicable.
Viscosity:	No data available.
Volatile organic compounds (VOC):	Not applicable.
Percent volatile:	±0%
VOC less H2O & exempt solvents:	No data available.

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. Conditions to avoid

None known.

10.4. Possibility of hazardous reactions

Hazardous polymerisation will not occur.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

Substance	Condition
Not applicable.	Not specified.

Under recommended usage conditions, hazardous decomposition products are not expected. Hazardous decomposition products may occur as a result of oxidation, heating, or reaction with another material

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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 labelling, 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: No health effects are expected.
Eye contact: No health effects are expected.
Ingestion: No health effects are expected.

Additional information: This product, when used under reasonable conditions and in accordance with the Livingstone directions for use, should not present a health hazard. However, use or processing of the product in a manner not in accordance with the product's directions for use may affect the performance of the product and may present potential health and safety hazards.

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

Respiratory Sensitisation: 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.

Exposure Levels: Refer Section 8.1 Control Parameters of this Safety Data Sheet.

Interactive Effects: Not determined.

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SECTION 12 ECOLOGICAL 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. Additional information leading to material classification in Section 2 is available upon request. In addition, environmental fate and effects data on ingredients may not be reflected in this section because an ingredient is present below the threshold for labelling, an ingredient is not expected to be available for exposure, or the data is considered not relevant to the material as a whole.

12.1. Toxicity

Acute aquatic hazard: Not acutely toxic to aquatic life by GHS criteria.
Chronic aquatic hazard: Not chronically toxic to aquatic life by GHS criteria.

No product test data available.
 No component test data available.

12.2. Persistence and degradability:

12.3 : Bioaccumulative potential:

12.4. Mobility in soil Please contact manufacturer for more details

12.5 Other adverse effects No information available.

SECTION 13 DISPOSAL CONSIDERATIONS

13.1. Disposal methods

Dispose of contents/ container in accordance with the local/regional/national/international regulations.
 Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, incinerate in a permitted waste incineration facility.

SECTION 14 TRANSPORT INFORMATION

Australian Dangerous Goods Code (ADG) - Road/Rail Transport

UN No.: Not applicable.
Proper shipping name: Not applicable.
Class/Division: Not applicable.
Sub Risk: Not applicable.
Packing Group: Not applicable.
Hazchem Code: Not applicable.
IERG: Not applicable.

International Air Transport Association (IATA) - Air Transport

UN No.: Not applicable.
Proper shipping name: Not applicable.
Class/Division: Not applicable.
Sub Risk: Not applicable.
Packing Group: Not applicable.

International Maritime Dangerous Goods Code (IMDG)- Marine Transport

UN No.: Not applicable.
Proper shipping name: Not applicable.
Class/Division: Not applicable.
Sub Risk: Not applicable.
Packing Group: Not applicable.
Marine Pollutant: Not applicable.

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SECTION 15 REGULATORY INFORMATION

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

Australian Inventory Status:

This product is regulated by the Therapeutics Goods Administration and is exempt from compliance with the Industrial Chemicals (Notification and Assessment) Act 1989 as amended.

Poison Schedule:

This product has not been assessed for poisons scheduling as the product is intended for industrial and professional use only.

SECTION 16 OTHER INFORMATION

Reason for Revision:

To bring to date.

END OF SDS