



## Safety Data Sheet

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|                        |            |                         |            |
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This Safety Data Sheet has been prepared in accordance with the Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice (Safe Work Australia, December 2011)

### SECTION 1: Identification

#### 1.1. Product identifier

3M™ Attest™ Rapid Readout Biological Indicator for Vaporized Hydrogen Peroxide 1295

#### Product Identification Numbers

70-2007-7603-0

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

##### Recommended use

To indicate attainment of conditions for sterilisation.

For Industrial or Professional use only.

#### 1.3. Supplier's details

|                   |   |
|-------------------|---|
| <b>Address:</b>   | 3M Australia - Building A, 1 Rivett Road, North Ryde NSW 2113 |
| <b>Telephone:</b> | 136 136   |
| <b>E Mail:</b>    | productinfo.au@mmm.com  |
| <b>Website:</b>   | www.3m.com.au   |

#### 1.4. Emergency telephone number

EMERGENCY: 1800 097 146 (Australia only)

### SECTION 2: Hazard identification

This product is NOT classified as a hazardous chemical according to the Model Work Health and Safety Regulations, 2011, in accordance with applicable State and Territory legislation.

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

**Precautionary statements****Prevention:**

P280E

Wear protective gloves.

**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.

| <b>Ingredient</b> | <b>CAS Nbr</b> | <b>% by Weight</b> |
|-------------------|----------------|--------------------|
| Peptone Phytone   | None           | 0 - 2              |
| Water             | 7732-18-5      | > 95               |
| Growth Media      | Trade Secret   | < 5                |

**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.

**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**

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**

Material will not burn. Use a fire fighting agent suitable for the surrounding fire.

**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

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. 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 release to the environment. No specific handling precautions are necessary.

### 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 Safety Data Sheet.

### 8.2. Exposure controls

#### 8.2.1. Engineering controls

Not applicable.

#### 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

|                |         |
|----------------|---------|
| Physical state | Liquid. |
|----------------|---------|

|  |                                   |
|--|-----------------------------------|
| <b>Specific Physical Form:</b>                           | Waxy Solid                        |
| <b>Colour</b>  | Multicolour                       |
| <b>Odour</b>   | Nearly Odourless                  |
| <b>Odour threshold</b>                                   | <i>No data available.</i>         |
| <b>pH</b>  | 7.5 [Details:applies to media]    |
| <b>Melting point/Freezing point</b>                      | <i>No data available.</i>         |
| <b>Boiling point/Initial boiling point/Boiling range</b> | 100 °C [Details:applies to media] |
| <b>Flash point</b>                                       | No flash point                    |
| <b>Evaporation rate</b>                                  | <i>Not applicable.</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>Vapor Density and/or Relative Vapor Density</b>       | <i>Not applicable.</i>            |
| <b>Density</b>   | 1 g/ml                            |
| <b>Relative density</b>                                  | 1                                 |
| <b>Water solubility</b>                                  | <i>No data available.</i>         |
| <b>Solubility- non-water</b>                             | <i>No data available.</i>         |
| <b>Partition coefficient: n-octanol/water</b>            | <i>Not applicable.</i>            |
| <b>Autoignition temperature</b>                          | <i>No data available.</i>         |
| <b>Decomposition temperature</b>                         | <i>No data available.</i>         |
| <b>Viscosity/Kinematic Viscosity</b>                     | <i>No data available.</i>         |
| <b>Volatile organic compounds (VOC)</b>                  | <i>No data available.</i>         |
| <b>Percent volatile</b>                                  | <i>No data available.</i>         |
| <b>VOC less H<sub>2</sub>O &amp; exempt solvents</b>     | <i>No data available.</i>         |
| <b>Molecular weight</b>                                  | <i>Not applicable.</i>            |

**Nanoparticles**

This material does not contain nanoparticles.

## SECTION 10: Stability and reactivity

**10.1 Reactivity**

This material may be reactive with certain agents under certain conditions - see the remaining headings in this section

**10.2 Chemical stability**

Stable.

**10.3. Conditions to avoid**

Not determined

**10.4. Possibility of hazardous reactions**

Hazardous polymerisation will not occur.

**10.5 Incompatible materials**

None known.

**10.6 Hazardous decomposition products****Substance**

None known.

**Condition**

## 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 known health effects.

##### 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

No known health effects.

#### 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.

## 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.

| Material     | CAS Number   | Organism    | Type         | Exposure | Test endpoint | Test result |
|--------------|--------------|-------------|--------------|----------|---------------|-------------|
| Growth Media | Trade Secret | Bacteria    | Experimental | 18 hours | EC50          | 10,000 mg/l |
| Growth Media | Trade Secret | Green algae | Experimental | 72 hours | EC50          | >1,000 mg/l |
| Growth Media | Trade Secret | Water flea  | Experimental | 48 hours | EC50          | 324 mg/l    |
| Growth Media | Trade Secret | Zebra Fish  | Experimental | 96 hours | LC50          | >3,200 mg/l |
| Growth Media | Trade Secret | Green algae | Experimental | 72 hours | EC10          | >1,000 mg/l |

### 12.2. Persistence and degradability

| Material     | CAS Number   | Test type                      | Duration | Study Type                           | Test result | Protocol                         |
|--------------|--------------|--------------------------------|----------|--------------------------------------|-------------|----------------------------------|
| Growth Media | Trade Secret | Experimental<br>Biodegradation | 28 days  | Dissolv.<br>Organic<br>Carbon Deplet | 97 % weight | OECD 301A - DOC<br>Die Away Test |

### 12.3 : Bioaccumulative potential

| Material | CAS Number | Test type | Duration | Study Type | Test result | Protocol |
|----------|------------|-----------|----------|------------|-------------|----------|
|----------|------------|-----------|----------|------------|-------------|----------|

|              |              |                               |  |         |       |                     |
|--------------|--------------|-------------------------------|--|---------|-------|---------------------|
| Growth Media | Trade Secret | Experimental Bioconcentration |  | Log Kow | -1.87 | Non-standard method |
|--------------|--------------|-------------------------------|--|---------|-------|---------------------|

**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.

**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.

**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.

**SECTION 16: Other information**

**Revision information:**

Complete document review.

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Greenguard® is a United States based program. The 'Low VOC' reference related to United States Federal and State regulations exemptions for some solvents.

**3M Australia SDSs are available at [www.3m.com.au](http://www.3m.com.au)**