

# MATERIAL SAFETY DATA SHEET

according to EC Directive 2001/58/EC illumigene® Pertussis Positive Control -

2807

# 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product Type Positive Control - 2807

Product Name illumigene® Pertussis Positive Control

Catalogue Number(s) 279930PC

Manufacturer, importer, supplier Meridian Bioscience, Inc. 3471 River Hills Drive, Cincinnati, OH 45244 U.S.A.

(513) 271-3700

EMERGENCY TELEPHONE CHEMTREC: 1-800-424-9300

NUMBER

**INTERNATIONAL EMERGENCY** CHEMTREC: 1-703-527-3887

TELEPHONE NUMBER

AUTHORIZED Meridian Bioscience Europe Via dell' Industria 7

REPRESENTATIVE 20020 Villa Cortese Milano, Italy INTENDED USE: In Vitro Diagnostic Medical Device

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

## Chemical nature of the preparation

| CAS        | Chemical Name                     | % Weight | Classification:       | EINECS*   |
|------------|-----------------------------------|----------|-----------------------|-----------|
| 77-86-1    | Tris (hydroxymethyl) aminomethane | 0.12     | NA                    | 201-064-4 |
| 26628-22-8 | Sodium azide                      | 0.09     | T+ N; R28 R32 R50 R53 | 247-852-1 |

<sup>\*</sup> EINECS - EINECS

For the full text of the R phrases mentioned in this Section, see Section 16

# 3. HAZARDS IDENTIFICATION

Classification: Not dangerous

Most important hazards

|                    | 4. FIRST AID MEASURES  |
|--------------------|--|
| General advice     | <ul> <li>Show this safety data sheet to the doctor in attendance</li> <li>Avoid breathing vapors or mists</li> </ul> |
| Skin contact       | Wash off immediately with soap and plenty of water   |
| Eye contact        | <ul> <li>Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes</li> </ul>          |
|                    | <ul> <li>If eye irritation persists, seek medical attention</li> </ul>   |
| Inhalation:        | Move to fresh air.   |
|                    | <ul> <li>If exposure symptoms persist, seek medical attention.</li> </ul>  |
| Ingestion:         | <ul> <li>Do not swallow. Rinse mouth with water and afterwards drink plenty of water.</li> </ul>                     |
|                    | <ul> <li>Never give anything by mouth to an unconscious person</li> </ul>  |
|                    | Consult a physician if necessary   |
| Notes to physician | Treat symptomatically  |

| 5. FIRE-FIGHTING MEASURES    |                                 |  |  |  |
|------------------------------|---------------------------------|--|--|--|
| Flash point                  | N/D                             |  |  |  |
| Suitable extinguishing media | carbon dioxide (CO2)            |  |  |  |
| 865                          | <ul> <li>water spray</li> </ul> |  |  |  |

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|   | <ul><li>alcohol-resistant foam</li><li>dry chemical</li></ul>   |
|---|---|
| Extinguishing media which must not be used for safety reasons | No information available  |
| Special protective equipment for firefighters                 | <ul> <li>As in any fire, wear self-contained breathing<br/>apparatus pressure-demand, MSHA/NIOSH<br/>(approved or equivalent) and full protective gear</li> </ul> |
| Specific methods  | No information available  |

|                           | 6. ACCIDENTAL RELEASE MEASURES  |
|---------------------------|---|
| Personal precautions      | Ensure adequate ventilation   |
| Environmental precautions | Contact with acids liberates toxic gas.   |
| Methods for cleaning up   | <ul> <li>Absorb spill with inert material (e.g. dry sand or earth), then place in a<br/>chemical waste container</li> </ul> |

# 7. HANDLING AND STORAGE

## Handling

| Safe handling advice | <ul> <li>Store in a tightly closed container. Store in a cool, dry, well ventilatied area</li> </ul> |
|----------------------|--|
|                      | away from incompatible substances.   |

#### **Storage**

| Technical measures/Precautions | Keep in properly labelled containers. |
|--------------------------------|---------------------------------------|
| Incompatible products          | Acids                                 |

# 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Occupational exposure controls

**Engineering measures** 

Ensure adequate ventilation, especially in confined areas. As a rule, at least 10 air changes per hour are recommended at the workplace.

# **Exposure Limit Values**

| CAS        | Chemical Name                     | % Weight | ACGIH* | FOEL* | EUOED*        |
|------------|-----------------------------------|----------|--------|-------|---------------|
| 77-86-1    | Tris (hydroxymethyl) aminomethane | 0.12     | N/A    | N/A   | N/A           |
| 26628-22-8 | Sodium azide                      | 0.09     | N/A    | N/A   | 0.1 mg/m3 TWA |

<sup>\*</sup> ACGIH - Occupational Exposure Limits - TWAs

# Personal protective equipment

Respiratory protection

 When workers are facing concentrations above the exposure limit they must use appropriate certified respirators

Hand protection Eye protection Wear appropriate protective gloves

Avoid contact with eyes

Wear tightly fitting safety goggles or safety glasses with side-shields

Skin and body protection Hygiene measures

- Light weight protective clothing to protect exposed skin
- Handle in accordance with good industrial hygiene and safety practice
- · Keep away from food, drink and animal feeding stuffs

**Environmental exposure** No information available.

# Environmental exposure controls

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<sup>\*</sup> FOEL - France Occupational Exposure Limits - TWA's (VME's)

<sup>\*</sup> EUOED - EU Occupational Exposure Directive (98/24/EC) Indicative Occupational Exposure Limit Values (IOELV)

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#### **General Information**

Form

Liquid. Colorless.

Colour Odour

No information available.

#### Important Health Safety and Environmental Information

pH Boiling point/range N/D N/D N/D

Flash point Water solubility

No information available.

| 10. STABILITY AND REACTIVITY     |   |  |  |  |
|----------------------------------|---|--|--|--|
| Stability                        | Stable under normal conditions.             |  |  |  |
| Conditions to avoid              | Extremes of temperature and direct sunlight |  |  |  |
| Materials to avoid               | Acids.                                      |  |  |  |
| Hazardous decomposition products | None under normal use.                      |  |  |  |
| Polymerization                   | Polymerization does not occur.              |  |  |  |

# 11. TOXICOLOGICAL INFORMATION

## **Acute toxicity**

## **Component Information**

#### **Product Information**

| LD50/dermal/rat =     | No information available                      |  |
|-----------------------|---|--|
| LD50/oral/rat =       | No information available                      |  |
| Chronic toxicity      | Prolonged exposure may cause chronic effects. |  |
| carcinogenic effects  | No information available.                     |  |
| mutagenic effects     | No information available.                     |  |
| Reproductive toxicity | No information available.                     |  |
| Target Organ Effects  | No information available.                     |  |

# 12. ECOLOGICAL INFORMATION

## **Component Information**

| CAS        | Chemical Name                     | % Weight | ACGIH* |  |
|------------|-----------------------------------|----------|--------|--|
| 77-86-1    | Tris (hydroxymethyl) aminomethane | 0.12     | N/A    |  |
| 26628-22-8 | Sodium azide                      | 0.09     | N/A    |  |

<sup>\*</sup> ACGIH - Occupational Exposure Limits - TWA's

| Ecotoxicity effects  | No information available |  |
|--|--------------------------|--|
| hand the same of t |                          |  |

# 13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products

In accordance with local and national regulations.

Contaminated packaging

Empty containers should be rinsed and disposed of as appropriate for glass and plastic

containers.

**Further information** 

# 14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations

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## 15. REGULATORY INFORMATION

The preparation is non-dangerous in accordance with Directive 1999/45/EC

Contains

Indication of danger

Not dangerous

R -phrase(s) S -phrase(s)

## **International Inventories**

| CAS        | Chemical Name                     | % Weight | TSCA*   | EINECS*   | DSL -<br>Canada* | ENCS* |
|------------|-----------------------------------|----------|---------|-----------|------------------|-------|
| 77-86-1    | Tris (hydroxymethyl) aminomethane | 0.12     | Present | 201-064-4 | Present          | 2-318 |
| 26628-22-8 | Sodium azide                      | 0.09     | Present | 247-852-1 | Present          | 1-482 |

<sup>\*</sup> TSCA - United States - Section 8 (b) Inventory (TSCA)

#### 16. OTHER INFORMATION

Text of R phrases mentioned in Section 2

R28 - Very toxic if swallowed. R32 - Contact with acids liberates very toxic gas. R53 - May cause long-term adverse effects in the aguatic environment. R50 - Very toxic to aquatic organisms.

Prepared on:

2012/08/05

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Meridian Bioscience, Inc. shall not be held liable for any damages resulting from handling or from contact with the above product.

**End of Safety Data Sheet** 

<sup>\*</sup> EINECS - EINECS

<sup>\*</sup> DSL - Canada - Domestic Substances List (DSL)

<sup>\*</sup> ENCS - Japan Existing and New Chemical Substances (ENCS)