	<b>Type:</b>	<b>Safety Data Sheet</b>
	<b>Title:</b>	<b>M41 Microgen <i>C.difficile</i> Latex</b>

**DATE OF ISSUE:** May 2015

**ISSUED TO MEET THE REQUIREMENTS OF REGULATION (EC) 1907/2006:**  
ARTICLE 31

**SECTION 1: Identification of the substance and of the company/undertaking**

<b>Product Identifier: M41 CE</b>	<b>Microgen <i>C.difficile</i> Latex</b>		
<b>Product Use:</b> Latex agglutination kit for the confirmation of the presence of <i>C.difficile</i> on solid media			
<b>Manufacturer's Name:</b> Microgen Bioproducts Limited			
<b>Manufacturer's Address:</b> 1 Admiralty Way, Camberley, Surrey, England			
<b>Postal Code</b>	GU 15 3DT	<b>Emergency Telephone</b>	+44(0)1276 600081 <b>Fax:</b> +44 (0) 1276600151
<b>Hours of Operation:</b>	09:00 -17:00 GMT	<b>Email</b>	customerservices@microgenbioproducts.com

**SECTION: 2 Hazards Identification**

**2.1 Classification of the substance or mixture**

Sodium Azide

**Classification according to Regulation (EC) No 1272/2008**

Acute Tox. 2	H300 Fatal if swallowed.
Aquatic Acute 1	H400 Very toxic to aquatic life.
Aquatic Chronic 1	H410 Very toxic to aquatic life with long lasting effects.


**Classification according to Directive 67/548/EEC or Directive 1999/45/EC**

T+; Very toxic  
R28: Very toxic if swallowed.

N; Dangerous for the environment

R50/53: Very toxic to aquatic organisms may cause long-term adverse effects in the aquatic environment.

R32: Contact with acids liberates very toxic gas.

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**Information concerning particular hazards for human and environment:** Not applicable

**Other hazards that do not result in classification:** No information known

## 2.2 Labelling according to Regulation (EC) No 1272/2008:

The substance is not classified and labelled as hazardous as the concentration of sodium azide is present in minute quantities.

## SECTION 3: Composition/Information on Ingredients

Components	CAS Number/ EC Number	Concentration
Sodium Azide	26628-22-8/ 247-852-1	0.099% in all of these components

## SECTION 4: First aid measures

- **Eye contact** – Wash out eyes with plenty of water. Assure adequate flushing by separating eyelids with fingers.
- **Inhalation:** Supply with fresh air or oxygen. Consult doctor if discomfort persists.
- **Skin contact** – Wash skin immediately with soap and water
- **Ingestion** – If chemical has been swallowed, wash out mouth with water. Do not swallow mouthwash. Seek medical advice.
- **Equipment to be available at the workplace for specific and immediate treatment:** Eye -washing and skin-washing facilities

## SECTION 5: Fire-fighting measures

### 5.1 Extinguishing media

Suitable extinguishing agents: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

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

Thermal decomposition can lead to release of irritating gases and vapours.  
None under normal usage conditions.

## 5.3. Advice for firefighters

- **Protective equipment:** Wear self-contained respiratory protective apparatus and full protective gear.

## SECTION 6: Accidental release measures

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

- 1) Ensure adequate ventilation
- 2) Use personal protective equipment.

### 6.2. Environmental precautions:

Dispose of any contaminated material in biohazardous disposal units and in accordance with established safety procedures.

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

Wipe up spills with absorbent paper, then clean area with a concentrated chlorine solution.

## SECTION 7: Handling and storage

### 7.1. Handling

For laboratory use only. Read the Instructions for Use. Always follow Good Laboratory Practice when using this product.

### 7.2. Storage

Store at 2-8°C. Keep all containers tightly closed until ready to use. Under these conditions reagents will retain their activity until the expiry date shown on the label on outer carton.

## SECTION 8: Exposure controls/personal protection

**8.1. Exposure Limit Values** None under normal use conditions


### 8.2. Exposure Controls

#### 8.2.1. Occupational

##### **Respiratory**

Respiratory protection is not required under normal conditions of use.



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<b>Hands</b>	Protective gloves
<b>Eyes</b>	Safety glasses with side shields recommended
<b>Body</b>	Laboratory coat

## SECTION 9: Physical and Chemical Properties

### 9.1. Appearance:

- M41a – milky, white aqueous suspension
- M41b – white/off white aqueous suspension
- M40 – colourless aqueous solution

## 10. Stability and Reactivity

**10.1. Stability:** Stable under recommended storage conditions. Do not use after stated expiry date. Store at 2-8°C.

**10.2. Materials/Conditions to avoid:** Avoid contact with lead or copper plumbing

**10.3. Hazardous decomposition products:** None under normal use conditions

## SECTION 11: Toxicological Information

**11.1. Acute toxicity:** May be toxic if ingested in large quantities


**11.2. Sensitisation – skin:** No data available

## SECTION 12: Ecological Information:

- Persistence and degradability: No further relevant information available.
- Bio accumulative potential No further relevant information available.
- Mobility in soil No further relevant information available.
- Results of PBT and vPvB assessment
  - PBT: Not applicable.
  - vPvB: Not applicable.
- Other adverse effects :No further relevant information available

## SECTION 13: Disposal Considerations

Dispose of according to any local, national or regional regulations.

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## **SECTION 14: Transport Information**

This material is not considered dangerous or hazardous for transportation

## **SECTION 15: Regulatory Information**

Health, safety or environmental information is not required on the label (according to Regulation (EC) No 1272/2008)

## **SECTION 16: Other Information**

### **16.1. Recommended restrictions on use:**

This product is intended to be used for laboratory use only by technical staff trained in microbiological techniques. Classification and labelling have been performed according to CLP Regulations.

Read the Instructions for Use for further information on limitations of use.

### **16.2. Sources of information used to compile this sheet**

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council concerning the registration, evaluation, authorisation and restriction of chemicals (REACH): Article 31: Requirements for safety data sheets, and Annex II: Guide to the compilation of safety data sheets, OJL, 136, 29.5.2007, pp 35-36 and pp 84-89.


Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures, and amending Directive 67/548/EEC and Regulation (EC) No 1907/2006 (in short CLP).

Commission Decision 2000/532/EC establishing a list of wastes pursuant to Article 1 (a) of Directive 75/442/EEC on Waste and Article 1 (4) of Directive 91/689/EEC on Hazardous Waste. CONSLEG: 2000D0532-01/01/2002, Office for Official Publications of the European Communities.

Approved Supply List (8th edition), Information provided for the classification and labelling of substances and preparations for supply, United Kingdom Health and Safety Commission, 2005 (based on Annex I of 67/548/EEC).

Directive 98/79/EC of the European Parliament and of the Council on *in vitro* diagnostic medical devices, Annex I, Essential Requirements, OJ L, 331, 7.12.98, p 20.

List of approved workplace exposure limits, Table 1 of EH40/2005, United Kingdom Health and Safety Commission, 2ND edition published 2011, implementing the European Commission's Indicative Occupational Exposure Limit Values Directive 2009/161/EU.

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### 16.3. Changes from previous version

Replaces previous MSDS for M41 CE, Microgen *C.difficile* Latex, Feb 2003.

All sections: updated format and details according to REACH GUIDELINES Annex-II and CLP.

The above information is based on data available and is believed to be correct. Since the information may be applied under conditions beyond our control and with which we may be unfamiliar, we do not assume any responsibility for the results of its use and all persons receiving it shall make their own determinations of the effects, properties and protections which pertain to their particular conditions.

No representation, warranty or guarantee, expressed or implied (including a warranty of fitness or merchantability for a particular purpose), is made with respect to the material, the accuracy of this information, the results to be obtained from the use thereof, or the hazards connected with the use of the material. Caution should be used in the handling and use of the material.

QA/RA Department: <i>Sajana</i>	Date: <i>29 May '15</i>
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