

# Safety data sheet

Prepared media



version: 04

Revision date: 11-10-2016

## Section 1. Identification of the product and of the company

### 1.1 Product identification

Product Description: Prepared media  
Articlecodes: Plates: Xxx.x first part: recipe, second part: plate (for example P300.02 = PCA 9cm plate)  
Bottles/tubes: Xxx.x.x first part: recipe, second part: bottle/tube, third part: filling volume  
(for example: P300.76.0200 = PCA, 200ml in 250ml bottle)

### 1.2 Relevant identified uses of the substances or mixture and uses advised against

Recommended Use Microbiological Analysis/research.  
Uses advised against No Information available

### 1.3 Details of the supplier of the safety data sheet

Company Tritium Microbiologie B.V.  
Rooijakkersstraat 6  
5652 BB  
Eindhoven  
The Netherlands  
tel: +31-402051615  
e-mail: mail@tritium-microbiologie.nl

1.4 Emergency telephone number: +31-402051615

## Section 2. Hazards identification

### 2.1. Classification of the substance or mixture

CLP Classification - Regulation (EC) No 1272/2008 Not hazardous

Physical hazards Based on available data, the classification criteria are not met

Health hazards Based on available data, the classification criteria are not met

Environmental hazards Based on available data, the classification criteria are not met

### 2.2 Label elements

Signal Word None

#### Hazard statements

Precautionary statements

2.3 Other hazards None known

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## Section 3. Composition/information on ingredients

**3.1 Substance** not applicable

### 3.2 Mixture

Component	Cas-No	EC-No.	Weight %	CLP Classification - Regulation (EC) No 1272/2008
Non hazardous	NA		100	-

*Full text of Hazard Statements: see section 16*

## Section 4. First aid measures

### 4.1 Description of first aid measures

**Eye Contact** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.  
Obtain medical attention.

**Skin Contact** Wash off immediately with plenty of water for at least 15 minutes. Get medical attention immediately if symptoms occur.

**Ingestion** Clean mouth with water and drink afterwards plenty of water. Get medical attention if symptoms occur.

**Inhalation** Move to fresh air. Get medical attention immediately if symptoms occur.

**Protection of First-aiders** No information available.

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

No information available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea

### 4.3 Indication of any immediate medical attention and special treatment needed

**Notes to Physician** Treat symptomatically.

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## Section 5. Firefighting measures

### 5.1 Extinguishing media

#### Suitable Extinguishing Media

Use water, alcohol-resistant foam, dry powder or carbon dioxide.

#### Extinguishing media which must not be used for safety reasons

No information available.

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

Thermal decomposition can lead to release of irritating gases and vapors.

#### Hazardous Combustion Products

None under normal use conditions.

### 5.3 Advice for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## Section 6. Accidental release measures

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

Ensure adequate ventilation. Use personal protective equipment.

### 6.2 Environmental precautions

Should not be released into the environment. See Section 12 for additional ecological information.

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

Sweep up or vacuum up spillage and collect in suitable container for disposal.

### 6.4 Reference to other sections

Refer to protective measures listed in Sections 8 and 13.

## Section 7. Handling and storage

### 7.1 Precautions for safe handling

Wear personal protective equipment. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Avoid ingestion and inhalation.

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## Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing before re-use. Wash hands before breaks and at the end of workday.

## 7.2 Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a dry, cool and well-ventilated place.

## 7.3 Specific end use(s)

Use in laboratories

## Section 8. Exposure controls/personal protection

### 8.1 Control parameters

#### Exposure limits

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

#### Biological limit values

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

#### Monitoring methods

BS EN 14042:2003 Title Identifier: Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents.

MDHS14/3 General methods for sampling and gravimetric analysis of respirable and inhalable dust

**Derived No Effect Level (DNEL)** No information available

Route of exposure	Acute effects (local)	Acute effects (systemic)	Chronic effects (local)	Chronic effects (systemic)
Oral				
Dermal				
Inhalation				

**Predicted No Effect Concentration (PNEC)** No information available.

### 8.2 Exposure controls

#### Engineering Measures

Ensure adequate ventilation, especially in confined areas.

Wherever possible, engineering control measures such as the isolation or enclosure of the process, the introduction of process or equipment changes to minimise release or contact, and the use of properly designed ventilation systems, should be adopted to control hazardous materials at source

#### Personal protective equipment

##### Eye Protection

Safety glasses with side-shields (European standard - EN 166)

##### Hand Protection

Protective gloves

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Glove material	Breakthrough time	Glove thickness	EU standard	Glove comments
Disposable gloves	See manufacturers recommendations	-	EN 374	(minimum requirement)

## Skin and body protection

Long sleeved clothing

Inspect gloves before use.

Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. (Refer to manufacturer/supplier for information)

Ensure gloves are suitable for the task: Chemical compatability, Dexterity, Operational conditions, User susceptibility, e.g. sensitisation effects, also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion.

Remove gloves with care avoiding skin contamination.

### Respiratory Protection

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

To protect the wearer, respiratory protective equipment must be the correct fit and be used and maintained properly

### Large scale/emergency use

In case of insufficient ventilation wear suitable respiratory equipment

### Small scale/Laboratory use

Use a NIOSH/MSHA or European Standard EN 149:2001 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced. When RPE is used a face piece Fit Test should be conducted

### Environmental exposure controls

No information available.

## Section 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

<b>Appearance</b>	Multiple Colors	
<b>Physical State</b>	Solid (agar) Liquid (broth)	
<b>Odor</b>	No information available	
<b>Odor Threshold</b>	No data available	
<b>pH</b>	No information available	
<b>Melting Point/Range</b>	No data available	
<b>Softening Point</b>	No data available	
<b>Boiling Point/Range</b>	Not applicable	
<b>Flash Point</b>	Not applicable	<b>Method -</b> No information available
<b>Evaporation Rate</b>	Not applicable	solid
<b>Flammability (solid,gas)</b>	No information available	
<b>Explosion Limits</b>	No data available	
<b>Vapor Pressure</b>	No data available	
<b>Vapor Density</b>	Not applicable	solid
<b>Specific Gravity / Density</b>	No data available	

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<b>Bulk Density</b>	No data available
<b>Water Solubility</b>	No information available
<b>Solubility in other solvents</b>	No information available
<b>Partition Coefficient (n-octanol/water)</b>	
<b>Autoignition Temperature</b>	
<b>Decomposition Temperature</b>	No data available
<b>Viscosity</b>	Not applicable
<b>Explosive Properties</b>	No information available
<b>Oxidizing Properties</b>	No information available

## 9.2 Other information

### Section 10. Physical and chemical properties

<b>10.1 Reactivity</b>	None known, based on information available
<b>10.2 Chemical stability</b>	Stable under normal conditions
<b>10.3 Possibility of hazardous reactions</b>	
<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur.
<b>Hazardous Reactions</b>	None under normal processing.
<b>10.4 Conditions to avoid</b>	Incompatible products. Excess heat. Avoid dust formation.
<b>10.5 Incompatible materials</b>	None known.
<b>10.6 Hazardous decomposition products</b>	None under normal use conditions.

### Section 11. Toxicological information

#### 11.1 Information on toxicological effects

<b>Product Information</b>	Product does not present an acute toxicity hazard based on known or supplied information
<b>(a) acute toxicity;</b>	
<b>Oral</b>	Not Classified
<b>Dermal</b>	Not Classified
<b>Inhalation</b>	Not Classified

#### Toxicology data for the components

<b>(b) skin corrosion/irritation;</b>	Not Classified
<b>(c) serious eye damage/irritation;</b>	Not Classified
<b>(d) respiratory or skin sensitization;</b>	
<b>Respiratory</b>	Not Classified
<b>Skin</b>	Not Classified

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(e) germ cell mutagenicity; Not Classified

(f) carcinogenicity; Not Classified

(g) reproductive toxicity; Not Classified

(h) STOT-single exposure; Not Classified

(i) STOT-repeated exposure; Not Classified

Target Organs None known.

(j) aspiration hazard;  
Not applicable Solid

## Symptoms / effects, both acute and delayed

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea

## Section 12. Ecological information

### 12.1 Toxicity

#### Ecotoxicity effects

Contains no substances known to be hazardous to the environment or that are not degradable in waste water treatment plants.

12.2 Persistence and degradability Not applicable for mixtures

12.3 Bioaccumulative potential No information available

12.4 Mobility in soil No information available

12.5 Results of PBT and vPvB assessment No data available for assessment.

### 12.6 Other adverse effects

#### Endocrine Disruptor Information

This product does not contain any known or suspected endocrine disruptors

#### Persistent Organic Pollutant

This product does not contain any known or suspected substance

#### Ozone Depletion Potential

This product does not contain any known or suspected substance

## Section 13. Disposal considerations

### 13.1 Waste treatment methods

#### Waste from Residues / Unused Products

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

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<b>Contaminated Packaging</b>	Empty remaining contents. Dispose of in accordance with local regulations. Do not re-use empty containers.
<b>European Waste Catalogue (EWC)</b>	According to the European Waste Catalogue, Waste Codes are not product specific, but application specific.
<b>Other Information</b>	Waste codes should be assigned by the user based on the application for which the product was used.

## Section 14. Transport information

**IMDG/IMO** Not regulated

- 14.1. UN number
- 14.2. UN proper shipping name
- 14.3. Transport hazard class(es)
- 14.4. Packing group

**ADR** Not regulated

- 14.1. UN number
- 14.2. UN proper shipping name
- 14.3. Transport hazard class(es)
- 14.4. Packing group

**IATA** Not regulated

- 14.1. UN number
- 14.2. UN proper shipping name
- 14.3. Transport hazard class(es)
- 14.4. Packing group

**14.5. Environmental hazards** No hazards identified

**14.6. Special precautions for user** No special precautions required

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable, packaged goods

## Section 15. Regulatory information

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

**International Inventories** Complete Regulatory Information contained in following SDS's X = listed The product is classified and labeled according to EC directives or corresponding national laws The product is classified and labeled in accordance with Directive 1999/45/EC No information available



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## National Regulations

Take note of Control of Substances Hazardous to Health Regulations (COSHH) 2002 and 2005

Amendment. Take note of Dir 94/33/EC on the protection of young people at work

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

## 15.2. Chemical safety assessment

Chemical Safety Assessment/Reports (CSA/CSR) are not required for mixtures

## Section 16. Other information

### Full Text of H-/EUH-Statements Referred to Under Section 3

Not applicable

### Legend

**CAS** - Chemical Abstracts Service

**DNEL** - Derived No Effect Level

**PNEC** - Predicted No Effect Concentration

**RPE** - Respiratory Protective Equipment

**PBT** - Persistent, Bioaccumulative, Toxic

**vPvB** - very Persistent, very Bioaccumulative

**ADR** - European Agreement Concerning the International Carriage of Dangerous Goods by Road

**IMO/IMDG** - International Maritime Organization/International Maritime Dangerous Goods Code

**ICAO/IATA** - International Civil Aviation Organization/International Air Transport Association

### Key literature references and sources for data

Suppliers safety data sheet, Merck index, RTECS

### Classification and procedure used to derive the classification for mixtures according to Regulation (EC)

**1272/2008 [CLP]: Physical hazards** On basis of test data

**Health Hazards** Calculation method

**Environmental hazards** Calculation method

### Training Advice

Chemical hazard awareness training, incorporating labelling, Safety Data Sheets (SDS), Personal Protective Equipment (PPE) and hygiene.

**Creation Date** 11-October-2016

**Revision Date** 11-October-2016

**Revision Summary** Update to CLP Format.

**This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006**

### Disclaimer

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**End of Safety Data Sheet**