

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:

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Articlecodes: Plates: Xxxx.xx

first part: recipe, second part: plate (for example P300.02 = PCA 9cm plate)

Bottles/tubes: Xxxx.xx.xxx

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

Safety data sheet

Prepared media



version: 04

Revision date: 11-10-2016

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.

Safety data sheet

Prepared media



version: 04

Revision date: 11-10-2016

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.

Safety data sheet

Prepared media



version: 04

Revision date: 11-10-2016

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

Safety data sheet

Prepared media



version: 04

Revision date: 11-10-2016

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

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

Safety data sheet

Prepared media



version: 04

Revision date: 11-10-2016

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

9.2 Other information

Section 10. Physical and chemical properties

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

Section 11. Toxicological information

11.1 Information on toxicological effects

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

Toxicology data for the components

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

Safety data sheet

Prepared media



version: 04

Revision date: 11-10-2016

(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.

Safety data sheet

Prepared media



version: 04

Revision date: 11-10-2016

Contaminated Packaging	Empty remaining contents. Dispose of in accordance with local regulations. Do not re-use empty containers.
European Waste Catalogue (EWC)	According to the European Waste Catalogue, Waste Codes are not product specific, but application specific.
Other Information	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

Safety data sheet

Prepared media



version: 04

Revision date: 11-10-2016

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.

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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