



Microbial cultures of Biohazard Level 1 or 2

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In conformity to Regulation (EU) 2020/878

SECTION 1. Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Product name : Microbial cultures of Biohazard Level 1 or 2

1.2. Relevant identified uses of the substance or mixture and uses advised against

Sectors of use:

Professional use[SU22]

Product category:

Laboratory Chemicals

Uses advised against

Do not use for purposes other than those listed

1.3. Details of the supplier of the safety data sheet

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1.4. Emergency telephone number

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SECTION 2. Hazards identification**2.1. Classification of the substance or mixture**

2.1.1 Classification according to Regulation (EC) No 1272/2008:

This product does not meet the criteria for classification in any hazard class according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.

Pictograms:

None

Hazard Class and Category Code(s):

Nonhazardous

Hazard statement Code(s):

Nonhazardous



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2.2. Label elements

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

Pictogram, Signal Word Code(s):
NoneHazard statement Code(s):
NonhazardousSupplemental Hazard statement Code(s):
not applicablePrecautionary statements:
None in particular.**2.3. Other hazards**

Based on the available data, no PBT or vPvB substances are present in accordance with Regulation (EC) 1907/2006, annex XIII

Based on available data, there are no substances that interfere with the Endocrine System in accordance with Regulation (EU) 2017/2100

Biohazard, Potentially Infected Material.

Biosafety Level 1 - Agent that is unlikely to cause disease in humans;

Biosafety Level 2 - Agent that can cause disease in human subjects and constitute a risk for workers; it is unlikely to spread to the community; effective prophylactic or therapeutic measures are usually available;

LTA recommends that all microbial cultures be handled by qualified microbiologists using appropriate safety procedures and precautions.

All microbial cultures must be treated as biohazard material, including Biosafety Level 1 microbial cultures, even if they are considered non-pathogenic.

This document is outside the scope of Article 31 of REACH

SECTION 3. Composition/information on ingredients**3.1 Substances**

Irrelevant

3.2 Mixtures

No substance to signal.

SECTION 4. First aid measures**4.1. Description of first aid measures**

After inhalation: fresh air. Consult a doctor if you feel any significant discomfort.

In case of skin contact: Immediately remove all contaminated clothing. Rinse the skin/ do a shower. Wash off with suitable disinfectants.



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After contact with eyes: rinse thoroughly with water. Remove contact lenses.

After ingestion: drink water immediately (at least 2 glasses). It is necessary to consult a doctor.

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

No data available.

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

No data available.

SECTION 5. Firefighting measures**5.1. Extinguishing media**

Advised extinguishing agents:

Water spray, CO₂, foam, dry chemical, depending on the materials involved in the fire.

Extinguishing means to avoid:

Water jets. Use water jets only to cool the surfaces of the containers exposed to fire.

5.2. Special hazards arising from the substance or mixture

No data available.

5.3. Advice for firefighters

Use protection for the breathing apparatus

Safety helmet and full protective suit.

The spray water can be used to protect the people involved in the extinction

You may also use selfrespirator, especially when working in confined and poorly ventilated area and if you use halogenated extinguishers (Halon 1211 fluobrene, Solkan 123, NAF, etc...)

Keep containers cool with water spray

SECTION 6. Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

6.1.1 For non-emergency personnel:

Leave the area surrounding the spill or release. Do not smoke

Wear gloves and protective clothing

6.1.2 For emergency responders:

Eliminate all unguarded flames and possible sources of ignition. No smoking.

Provision of sufficient ventilation.

Evacuate the danger area and, in case, consult an expert.

6.2. Environmental precautions

In case of spillage, place absorbent material on the spill and disinfect.

Do not let the product enter drains.



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6.3. Methods and material for containment and cleaning up

6.3. For containment:
No data available.

6.4. Reference to other sections

Refer to paragraphs 8 and 13 for more information

SECTION 7. Handling and storage**7.1. Precautions for safe handling**

See also paragraph 8 below.
Use the product with Biosafety Level 2 (B.L-2).

7.2. Conditions for safe storage, including any incompatibilities

Keep in original container closed tightly. Do not store in open or unlabeled containers.
Keep containers upright and safe by avoiding the possibility of falls or collisions.
Store in a cool place, away from sources of heat and direct exposure of sunlight.

7.3. Specific end use(s)

Professional use:
Handle with care. Store in a ventilated area and away from heat, keep the container tightly closed.

SECTION 8. Exposure controls/personal protection**8.1. Control parameters**

No data available.

8.2. Exposure controls

Appropriate engineering controls:
Professional use:
No specific monitoring foreseen

Individual protection measures:

(a) Eye / face protection

When handling the pure product use safety glasses (spectacles cage) (EN 166).

(b) Skin protection

(i) Hand protection

When handling the pure product use chemical resistant protective gloves (EN 374-1/EN374-2/EN374-3)

(ii) Other

Wear normal work clothing.

(c) Respiratory protection

Not needed for normal use.

(d) Thermal hazards



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No hazard to report

Environmental exposure controls:

In the event of a spill, place absorbent material on the spill and disinfect. See below.

Do not let the product enter drains.

SECTION 9. Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical and chemical properties	Value	Determination method
Physical state	Liophile, pellets, disks or aqueous suspension	
Colour	not determined	
Odour	Odourless	
Odour threshold	not determined	
Melting point/freezing point	not determined	
Boiling point or initial boiling point and boiling range	not determined	
Flammability	not determined	
Lower and upper explosion limit	not determined	
Flash point	not determined	
Auto-ignition temperature	not determined	
Decomposition temperature	not determined	
pH	not determined	
Kinematic viscosity	not determined	
Solubility	not determined	
Water solubility	not determined	
Partition coefficient n-octanol/water (log value)	not determined	
Vapour pressure	not determined	
Density and/or relative density	not determined	
Relative vapour density	not determined	
Particle characteristics	not determined	

9.2. Other information**9.2.1 Information with regard to physical hazard classes**

Irrilevant

9.2.2 Other safety characteristics

Irrilevant

SECTION 10. Stability and reactivity



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10.1. Reactivity

No reactivity hazards

10.2. Chemical stability

No hazardous reaction when handled and stored according to provisions.

10.3. Possibility of hazardous reactions

There are no hazardous reactions

10.4. Conditions to avoid

Nothing to report

10.5. Incompatible materials

N/D

10.6. Hazardous decomposition products

Does not decompose when used for intended uses.

SECTION 11. Toxicological information**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

ATE(mix) oral = ∞

ATE(mix) dermal = ∞

ATE(mix) inhal = ∞

- (a) acute toxicity: based on available data, the classification criteria are not met.
- (b) skin corrosion/irritation: based on available data, the classification criteria are not met.
- (c) serious eye damage/irritation: based on available data, the classification criteria are not met.
- (d) respiratory or skin sensitisation: based on available data, the classification criteria are not met.
- (e) germ cell mutagenicity: based on available data, the classification criteria are not met.
- (f) carcinogenicity: based on available data, the classification criteria are not met.
- (g) reproductive toxicity: based on available data, the classification criteria are not met.
- (h) specific target organ toxicity (STOT) single exposure: based on available data, the classification criteria are not met.
- (i) specific target organ toxicity (STOT) repeated exposure based on available data, the classification criteria are not met.
- (j) aspiration hazard: based on available data, the classification criteria are not met.

Health hazards:

Eye contact: Accidental contact of product with eyes can cause irritation.

Skin contact: The product is not an irritant. Prolonged or repeated contacts may degrease and irritate the skin, causing sometimes dermatitis.

Ingestion: The product ingested may cause irritation of the mucous membranes of the throat and digestive system causing digestive symptoms and abnormal bowel disorders.

Inhalation: Prolonged exposure to vapors or mists of the product may cause respiratory irritation.



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11.2. Information on other hazards

No data available.

11.2.1. Endocrine disrupting properties

Based on available data, there are no substances that interfere with the Endocrine System in accordance with Regulation (EU) 2017/2100

SECTION 12. Ecological information**12.1. Toxicity**

Use according to good working practices to avoid pollution into the environment.

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

Based on the available data, no PBT or vPvB substances are present in accordance with Regulation (EC) 1907/2006, annex XIII

12.6. Endocrine disrupting properties

Based on available data, there are no substances that interfere with the Endocrine System in accordance with Regulation (EU) 2017/2100

12.7. Other adverse effects

No adverse effects

SECTION 13. Disposal considerations**13.1. Waste treatment methods**

Used material and any other product containing infectious materials must be disposed of in an autoclave and in accordance with local and national regulations.

There are no uniform EC regulations for the elimination of chemicals or residues. In general, chemical residues are considered special waste. The elimination of the latter is regulated in individual EC countries by specific laws and regulations.

Contact the relevant authorities or specialized and authorized companies that can give indications on how to arrange the disposal of special waste

SECTION 14. Transport information



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14.1. UN number or ID number

Not included in the scope of application regulations concerning the transport of dangerous goods: by road (ADR); by rail (RID); by air (ICAO / IATA); by sea (IMDG).

14.2. UN proper shipping name

None

14.3. Transport hazard class(es)

None

14.4. Packing group

None

14.5. Environmental hazards

None

14.6. Special precautions for user

No data available.

14.7. Maritime transport in bulk according to IMO instruments

It is not intended to carry bulk

SECTION 15. Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Regulation (EC) No 1272/2008 of the European Parliament and of the council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Substances in the Candidate List (REACH Article 59)

Based on available data, no SVHC substances are present

15.2. Chemical safety assessment

No chemical safety assessment was carried out by the supplier

SECTION 16. Other information**16.1. Other information**

Points modified compared to previous release: 2.3. Other hazards, 9.2.1 Information with regard to physical hazard classes, 9.2.2 Other safety characteristics, 11.2. Information on other hazards

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

No hazard to report. Classification procedure: Calculation method



SAFETY DATA SHEET

Mod. SdS.01.13

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Principal legal references:

Directive 1999/45 / EC

Directive 2001/60 / EC

Regulation 2008/1272 / EC

Regulation 2010/453 / EC

*** This MSDS cancels and replaces all previous editions.
