

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Doc. N° 9100110 rev.0
Revision Date 29/06/2015

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

1.1 Product identifiers

Product name: **MHSCT**
Product Number: **9100110**

1.2 Relevant identified uses of the substance or mixture and uses advised against
Identified uses: Laboratory chemicals. Professional use

1.3 Details of the supplier of the safety data sheet

Company : Biolife Italiana S.r.l.
Viale Monza 272, 20128 Milano Italia
Tel : 0039 02 252091
Fax: 0039 02 2576428
E-mail: mktg@biolifeitaliana.it

1.4 Emergency telephone number

Emergency Phone # 0039 02-6610-1029 (Centro Antiveleni Niguarda Ca' Granda
- Milano)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008
Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

2.2 Label elements

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

Pictogram, Signal Word Code(s): None
Hazard statement Code(s): Nonhazardous
Precautionary statements: None in particular.

2.3 Other hazards -

None

The substance / mixture NOT contains substances PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII.
Restricted to professional users

SECTION 3: Composition/information on ingredients

3.1 Substances

Irrilevant

3.2 Mixtures

Contains spores of *Geobacillus stearothermophilus* ATCC 7953, non-pathogenic strain and non-toxic
No components need to be disclosed according to the applicable regulations.

SECTION 4: First aid measures

4.1 Description of first aid measures

If inhaled Air the area. Move immediately the contaminated patient from the area and keep him at rest in a well-ventilated area.



In case of skin contact (pure product)	If you feel unwell seek medical advice. Wash off with soap and plenty of water.
In case of eye contact	Wash immediately and thoroughly with running water for at least 10 minutes.
If swallowed	Not hazardous. It's possible to give activated charcoal in water or liquid paraffin medicine

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed

no data available

SECTION 5: Fire fighting measures

5.1 Extinguishing media

Suitable extinguishing media

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

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 fire-fighters

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 self-respirator, especially when working in confined and poorly ventilated area and if you use halogenated extinguishers (Halon 1211 fluobrene, .olkan 123, NAF, etc...)
Keep containers cool with water spray.

5.4 Further information

no data available

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Leave the area surrounding the spill or release. Do not smoke
Wear gloves and protective clothing

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

Contain spill with earth or sand. If the product has entered a watercourse in sewers or has contaminated soil or vegetation, notify it to the authorities. Discharge the remains in compliance with the regulations.

6.3 Methods and materials for containment and cleaning up

Recover the product for reuse, if possible, or for removal.
Possibly absorb it with inert material.

Prevent it from entering the sewer system. After wiping up, wash with water the area and materials involved. Keep in suitable, closed containers for disposal.

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

Avoid contact and inhalation of vapors
At work do not eat or drink. See also paragraph 8 below.
For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

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

7.3 Specific end use(s)

Professional use.
Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Components with workplace control parameters

It doesn't contain substances with occupational exposure limit value.

8.2 Exposure controls

Appropriate engineering controls

General industrial hygiene practice.

Personal protective equipment

Eye/face protection

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

Skin protection

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

Body Protection

Wear normal work clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

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

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

a) Appearance Form:	violet liquid
Colour:	no data available
b) Odour	no data available
c) Odour Threshold	no data available
d) pH	7.1-7.5



e) Melting point/freezing point	no data available
f) Initial boiling point and boiling range	no data available
g) Flash point	no data available
h) Evaporation rate	no data available
i) Flammability (solid, gas)	no data available
j) Upper/lower flammability or explosive limits	no data available
k) Vapour pressure	no data available
l) Vapour density	no data available
m) Relative density	no data available
n) Water solubility	no data available
o) Partition coefficient: n-octanol/water	no data available
p) Auto-ignition temperature	no data available
q) Decomposition temperature	no data available
r) Viscosity	no data available
s) Explosive properties	no data available
t) Oxidizing properties	no data available

9.2 Other safety information no data available

SECTION 10: Stability and reactivity

10.1 Reactivity	No reactivity hazards
10.2 Chemical stability	Stable under recommended handling and storage conditions.
10.3 Possibility of hazardous reactions	There are no hazardous reactions
10.4 Conditions to avoid	Nothing to report
10.5 Incompatible materials	no data available
10.6 Hazardous decomposition products	Does not decompose when used for intended uses

SECTION 11: Toxicological information

11.1 Information on toxicological effects	
Acute toxicity	not applicable
Skin corrosion/irritation	not applicable
Serious eye damage/eye irritation	not applicable
Respiratory or skin sensitisation	not applicable
Germ cell mutagenicity	not applicable
Carcinogenicity	not applicable
Reproductive toxicity	not applicable
Specific target organ toxicity - single exposure	not applicable
Specific target organ toxicity - repeated exposure	not applicable
Aspiration hazard	not applicable

Additional Information

RTECS: Not available

Health hazards**Eye contact****Skin contact**

Accidental contact of product with eyes can cause irritation. The product is not an irritant. Prolonged or repeated contacts may decrease 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.

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 Bio accumulative potential

no data available

12.4 Mobility in soil

no data available

12.5 Results of PBT and vPvB assessment

The substance / mixture NOT contains substances PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII

12.6 Other adverse effects

no data available

SECTION 13: Disposal considerations**13.1 Waste treatment methods****Product**

Any remaining product should be disposed of according to applicable regulations by addressing to authorized companies. Recover if possible. Operate according to local or national regulations.

Contaminated packaging

Do not reuse empty containers. Dispose of them in accordance with the regulations in force.

SECTION 14: Transport information**14.1 UN number**

ADR/RID: - IMDG: - IATA: -

14.2 UN proper shipping name

ADR/RID: Not dangerous goods
IMDG: Not dangerous goods
IATA: Not dangerous goods

14.3 Transport hazard class(es)

ADR/RID: - IMDG: - IATA: -

14.4 Packaging group

ADR/RID: - IMDG: - IATA: -

14.5 Environmental hazards

ADR/RID: no IMDG Marine pollutant: no IATA: no

14.6 Special precautions for user

no data available

SECTION 15: Regulatory information

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

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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.

15.2 Chemical Safety Assessment For this product a chemical safety assessment was not carried out

SECTION 16: Other information

Restrictions on use no data available

Advice no data available

Literary reference no data available

Classification based on data of all mixture components

Principal legal references:

Directive 1999/45 / EC

Directive 2001/60 / EC

Regulation 2008/1272 / EC

Regulation 2010/453 / EC

*** This M.D. cancels and replaces all previous editions.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It doesn't represent any guarantee of the properties of the product.

Biolife S.r.l. shall not be held liable for any damage resulting from handling or from contact with the above product

Revision Date 29/06/2015

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