

SAFETY DATA SHEET

SECTION 1: SUBSTANCE IDENTITY AND COMPANY INFORMATION

PRODUCT IDENTIFIER

TYPE: Microbial cultures (Frozen Suspension or Freezer Dried)

BIOSAFETY LEVEL: 1 or 2 or 3 (According to D.lgs 81/2008)

RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

For research use only.

SUPPLIER INFORMATION: Company Name and Address

FOR INFORMATION CALL: Tel. +39091xxxxxxx; Fax +39091xxxxxx; Cell. +39335xxxxxxxx

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Frozen, frozen or growing cells shipped in liquid culture medium (a mixture of components that may include, but is not limited to: inorganic salts, vitamins, amino acids, carbohydrates and other nutrients dissolved in water). Frozen crops may also contain a 5% -10% cryoprotectant solution.

SECTION 3: HAZARDS IDENTIFICATION

This substance is not hazardous as defined by D.Lgs. 81/2008 however this product should be handled according to good lab practices, with proper personal protective equipment, proper engineering controls and within the parameters of the purchaser's safety program.

HEALTH HAZARDS

This substance is not hazardous as defined by [D.Lgs. 81/2008 concerning the protection of health and safety in the workplace](#). However, this product should be handled according to good lab practices, with proper personal protective equipment. Be managed by qualified microbiologists using appropriate safety procedures and precautions.

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

HMIS rating: not applicable

NFPA rating: not applicable

Classification according to Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008.

Physical hazards: not classified

Health hazards: not classified

Environmental hazards: not classified

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

Not classified

Additional information: not applicable

Routes of Exposure

Skin contact: may cause skin irritation.

Skin absorption: may be harmful if absorbed through the skin.

Eye contact: may cause eye irritation.

Inhalation: may be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract.

Ingestion: may be harmful if swallowed.

Chronic: no information found.

SECTION 4: FIRST AID MEASURES

DESCRIPTION OF FIRST AID MEASURES

<u>Skin contact</u>	Immediately rinse with plenty of water following by washing with soap and copious amount of water and remove all contaminated clothing. Immediate medical attention is not required.
<u>Eye contact</u>	Rinse cautiously with copious amounts of water for several minutes. Remove contact lenses, if present and easy to do.
<u>Inhalation</u>	If person is unconscious seek emergency medical attention, if person is conscious remove to fresh air and call a physician.
<u>Ingestion</u>	Not expect to present a significant ingestion hazard under anticipated conditions of normal use of this material. Consult a physician if necessary.
<u>Note to Physician</u>	Treat symptomatically and supportively.

Most important symptoms and effects, both acute and delayed: not applicable.

Indication of any immediate medical attention and special treatment needed: none.

SECTION 5: FIREFIGHTING MEASURES

FLAMMABILITY: Data not available

SUITABLE EXTINGUISHING MEDIA: Water spray, carbon dioxide, dry chemical powder, Halon (where regulations permit), or appropriate foam.

FIREFIGHTING

PROTECTIVE EQUIPMENT: Wear self-contained breathing apparatus and protective clothing to prevent inhalation, ingestion, skin and eye contact.

SPECIFIC HAZARD(S): Responders should take into consideration the biohazard risk associated with responding to a fire in the area where the material may be stored or handled.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Ensure adequate ventilation. Always wear recommended Personal Protective Equipment. Use personal protection equipment. See Section 8 for more detail.

ENVIRONMENTAL PRECAUTIONS

No special environmental precautions required.

METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Soak up with inert absorbent material.

REFERENCE TO OTHER SECTIONS

See Section 8 for more detail.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Avoid contact with eyes, skin and clothing by using Personal Protective Equipment as required. No special handling advices are necessary.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Keep in a dry, cool and well-ventilated place. Keep in properly labelled containers.
If frozen Suspension Store intact at -70°C; if the item is Freeze Dried Store at -20°C.

SPECIFIC END USE(S)

For research use only.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS

Exposure limits:

Exposure limits contains no substances with occupational exposure limit values.

Engineering measures

Ensure adequate ventilation, especially in confined areas.

EXPOSURE CONTROLS

Personal protection equipment

Respiratory protection

In case of insufficient ventilation wear respirators and components tested and approved under appropriate government standards.

Hand protection

Wear suitable gloves (material: compatible chemical-resistant gloves).

Eye protection

Tight sealing safety goggles.

Skin and body protection

Wear suitable protective clothing.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

Environmental exposure controls

No special environmental precaution required.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Data not available

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY

None known.

CHEMICAL STABILITY

Stable under normal conditions.

POSSIBILITY OF HAZARDOUS REACTIONS

Hazardous reaction has not been reported.

CONDITIONS TO AVOID

No information available.

INCOMPATIBLE MATERIALS

No dangerous reaction known under conditions of normal use.

HAZARDOUS DECOMPOSITION PRODUCTS

No data available.

SECTION 11: TOXICOLOGICAL INFORMATION

Mycoplasmas are not zoonotic and there are not report on their pathogenicity for laboratory operators.

Route of exposure

Eye Contact: Data not available.

Skin Contact: Data not available.

Skin Absorption: Data not available.

Inhalation: Data not available.

Ingestion: Data not available.

Parenteral Exposure: Data not available.

Sensitization

Skin: Data not available

Respiratory: Data not available

Target Organ(s) or System(s): Data not available

Signs and Symptoms of Exposure

Skin and Mucous Membranes: Data not available

Respiratory: Data not available

Gastrointestinal: Data not available

Toxicity Data: Data not available

Effects of Long Term

or Repeated Exposure: Data not available

Chronic Exposure–Teratogen: Data not available

Chronic Exposure–Mutagen: Data not available

Chronic Exposure–Reproductive Hazard: Data not available

SECTION 12: ECOLOGICAL INFORMATION

No information available.

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

The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in according to approved disposal technique. Disposal of this product, its solutions or of any by-products, shall comply with the requirements of current legislation.

SECTION 14: TRANSPORT INFORMATION

According to IATA/ADR/RID/IMDG, the substance is not classified as dangerous in the meaning of transport regulations. For further information, please contact the supplier.

SECTION 15: REGULATORY INFORMATION**Safety, health environmental regulations/legislation specific for the substance or mixture**

Substance must be handled according to D.P.R. 320/1954 and Reg. CE 429/2016.

Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

“The above information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution. Since the supplier cannot control the actual methods, volumes, or condition of use, the supplier shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein.

The information in this SDS does not constitute a warranty, expressed or implied, including any implied warranty of merchantability or fitness for any particular purpose.”