

Material Safety Data Sheet

In Accordance with Regulation (EC) Nr.1907/2006 ANNEX II

Section 1: Chemical Product and Company Identification

1.1. Product identifier

MICROBTIMA BLOOM

1.2. Recommended use of the product and restrictions on use

Microbial liquid fertilizer

Not recommended usage

No data available

1.3. Name, address and phone number of the product manufacturer

«ROMB» LTD

Sofia, Bulgaria

District Krasno selo, Aboba Str.№ 1, 3rd floor, apartment 5

Phone/fax: +359 2 950 1441, romb_ltd@abv.bg, www.romb.bio

Post Code: 1612

1.4. Emergency phone number

Pirogov Emergency Hospital

Emergency phone number / fax: +359 2 9154 233 / 112

Emergency phone number of the manufacturer: 070042444

Section 2: Hazard Identification

2.1. Hazard classification

Safe substance or mixture according to Regulation (EC) No. 1272/2008.

2.2. Signal words and hazard statements

Safe substance or mixture according to Regulation (EC) No. 1272/2008.

2.3. Other hazards

The substance/mixture doesn't include any components which are considered to be persevering, bioaccumulating and toxic (PBT), or very persevering and very bioaccumulating (vPvB) at concentrations of 0.1% or higher.

Section 3: Composition / Information on Ingredients

3.1. Substances: not applied

3.2. Mixtures

Sharomix MCI II	
EINECS EC Number	
CAS	55965-84-9
Concentration %	0,2
Classification in accordance with (EC) 1272/2008 (CLP)	Acute Tox. 3, H301 Acute Tox. 2, H310 Acute Tox. 2, H330 Skin Corr. 1C, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=100)

Section 4: First-aid Measures

4.1. Description of necessary measures according to the different routes of exposure.

After skin contact:

Wash the affected area with soap and water – immediately remove the affected clothing. In case of skin irritation (redness or other) look for medical help.

After eye contact:

Wash your eyes for at least 10 minutes under running water with wide open eyelids. Look for medical help if necessary.

After ingestion:

Wash your mouth thoroughly with water. Do not provoke vomiting. See a doctor as soon as possible.

4.2. Most important symptoms/effects, acute or delayed

Described on the label (see 2.2) and/or in Section 11.

4.3. Indication of immediate medical attention and special treatment needed: no data.

Section 5: Fire-fighting Measures

5.1. Extinguishing media

Extinguish fire with regard to the particular circumstances and environment.

Suitable extinguishing media:

Alcohol-resistant foam, carbon dioxide, dry dust or water stream.

Unsuitable extinguishing media:

No particular restrictions on extinguishing media for the particular substance/mixture.

5.2. Special hazards arising from the substance/mixture:

Origin of decomposition of the product – unknown. Incombustible.

5.3. Suggestions for fire-fighters:

Not applied

Section 6: Accidental Release Measures

6.1. Personal precautions, protective equipment, and emergency procedures:

avoid skin and eye contact.

6.2. Measures for environmental protection

Do not let the product reach the canalization.

6.3. Methods and materials for containment and cleaning up

Any leakage has to be cleaned immediately and contained in an appropriate, labelled and closable container for safe disposal. Depending on the degree and nature of contamination, it is to be disposed as a fertilizer or at an authorized waste facility.

Contaminated objects and floors should be cleaned with water and surfactants with consideration for the environment.

6.4. References to other sections

Data for personal equipment and elimination instructions can be found in Sections 8 and 13.

Section 7: Handling and Storage

7.1. Precautions for safe handling

7.1.1. General recommendations

Provide good aeration of the workplace.

Use personal protective equipment.

Avoid inhalation and eye or skin contact.

Eating, drinking, smoking and storage of food are not allowed in the work place.

Follow the instructions on the label.

7.1.2. Precautions for safe handling

General hygiene precautions for chemical handling has to be applied.

Provide an easy access to water facilities.

Wash your hands during work breaks and before leaving the work place.

Store away from food, drinks and animal food.

Remove the contaminated clothing and safety equipment before entering areas where food is consumed.

7.2. Conditions for safe storage, including any incompatibilities

Do not give access to unauthorized individuals.

Store the product unopened and in its original package.

Store in a well aerated place at temperature +5....+ 20°C.

Keep away from direct sunlight.

7.3. Specific final use

No current data available.

Section 8: Exposure Controls and Personal Protection

8.1. Parameters of control

The product doesn't include components which require special control in the work place.

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Provide good ventilation. If it is insufficient, a breathing mask should be used.

8.2.2. Individual protection measures, such as personal protective equipment

General hygiene precautions for chemical handling has to be applied.

Product: MICROBTIMA BLOOM

Provide an easy access to water facilities.

Wash your hands during work breaks and before leaving the work place.

Store away from food, drinks and animal food.

Remove the contaminated clothing and safety equipment before entering areas where food is consumed.

Eye and face protection: Safely glasses with a side protection if applicable (e.g. EN 166)

Skin protection – Hand protection if applicable - safety nitrile gloves (EN 374).

Protective hand crème is recommended.

Skin protection - Others: means for body protection should be chosen depending on the type of work and possible effects, e.g. safety shoes EN ISO 20345, safety work attire (long-sleeved).

Breathing equipment: not necessary.

When risk assessment suggests a need for air purification, use filter A2 P2 (EN 14387), colour code white.

Thermal hazards:

Included in the individual safety measures if applicable.

Additional information on hand protection – tests not run.

8.2.3. Control of environmental exposure

Do not let the product reach the canalization.

Section 9: Physical and Chemical Properties

9.1. Information on the main physical and chemical properties

Physical state:	Liquid
Colour:	Yellow
Odor:	Characteristic
Odor threshold:	No data
pH:	6,5 – 7,5
Initial boiling point and boiling range:	No data
Flash point:	No data
Evaporation rate:	No data
Flammability (solid, gas):	No data
Lower explosive limits:	No data
Upper explosive limits:	No data
Vapor pressure:	No data
Relative density:	No data
Density: g/L	No data
Solubility:	No data

Water solubility:	Soluble
Partition coefficient n-octanol/water:	No data
Auto-ignition temperature:	No data
Decomposition temperature:	No data
Viscosity:	No data
Oxidative properties:	None

9.2. Other data

Miscibility	No data
Volume density	No data
Electrical conductivity	No data

Section 10: Stability and Reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

The product is chemically stable under standard environmental conditions (room temperature).

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

See Section 7 – Handling and Storage.

10.5. Incompatible materials

Compounds to be avoided: strong acids and bases, strong oxidizing agents.

10.6. Hazardous decomposition products

See Section 5.2.

Decomposition products depend on the temperature, air passing and presence of other materials.

Section 11: Toxicological Information

No data available. Additional information on the effects on human health may be found in section 2.1 (classification).

When working according to the regulations on industrial hygiene and safety techniques, dangerous consequences are not expected.

Section 12: Ecological Information

No data available. Additional information on the environmental effects may be found in section 2.1 (classification).

Section 13: Disposal Consideration

13.1. Methods of disposal

Of the substance / mixture / leftovers

The waste material should be disposed in accordance with the national and local regulations.

Of contaminated packaging

Empty the container completely.

Clean packaging can be recycled.

Dispose of packaging that cannot be cleaned. Directive 2008/98/EC of the European Parliament and Council on waste.

Sector 14: Transport Information

Land transport (ADR / RID)

UN list number:	not applicable
UN proper shipping name:	
Transport hazard classes:	not applicable
Packaging group:	not applicable
Classification code:	not applicable
LQ (ADR 2013):	not applicable
LQ (ADR 2009):	not applicable
Environmental hazards:	not applicable

Sea transport (IMDG)

UN proper shipping name:	not applicable
Transport hazard class(es):	not applicable
Packing group:	not applicable
Environmental hazards:	not applicable

Air transport (IATA)

UN proper shipping name:	
Transport hazard class(es):	not applicable
Packing group:	not applicable
Environmental hazards:	not applicable

Special precautions which a user needs to be aware of in connection with transport:

If not indicated otherwise, follow the general measured for safe transport.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable. Packaged goods.

Section 15: Regulatory Information

15.1. Safety, health and environmental regulations specific for the product in question

For classification and labelling see Section 2.

Safety instructions with accordance to Regulation (EU) No.1907/2006.

The product does not contain compounds destructive to the ozone layer according to Regulation (EC) No1005/2009.

The product does not contain stable organic pollutants according to Regulation (EC) No 850/2004 of the European Parliament and the Council form April 29, 2004.

Follow the regulations of trade association / occupational medicine.

15.2. Safety assessment of the chemical compound or mixture

Not applicable.

Section 16: Other Information

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The information presented herein is considered true but does not claim to be thorough; it is based on our current knowledge and experience and describes the product only from the single perspective on safety requirements.

ROMB LTD does not carry liability for any damage caused by inappropriate treatment or contact with the described product. If specifically indicated on the product or in any of its related documents, that product should only be used for research purposes, it cannot be used for any other purpose.