



SAFETY DATA SHEET  
TOPPIT

Page: 1

Compilation date: 29/01/2018  
Version No: 1

**Section 1: Identification of the substance/mixture and of the company/undertaking**

1.1. Product identifier

Product name: **toPPit**

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

Use of substance / mixture: PC12: Fertilisers.

1.3. Details of the supplier of the safety data sheet

Company name: Ecoculture Biosciences SL.

C/ Rambla Obispo Orbera 11, 3oD, Almeria Spain

Email: info@ecoculturebs.com

1.4. Emergency telephone number

Emergency tel: +34 950 264981 (office hours only)

**Section 2: Hazards identification**

2.1. Classification of the substance or mixture

Classification under CLP: This product has no classification under CLP.

2.2. Label elements

Label elements: This product has no label elements.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

**Section 3: Composition/information on ingredients**

3.2. Mixtures Hazardous ingredients:

BORIC ACID

EINECS	CAS	PBT / WEL	CLP Classificati	Percent
233-139-2	10043-35-3	-	Repr. 1B: H360FD	<1%

[cont...]

# SAFETY DATA SHEET

## TOPPIT

Page: 2

### Section 4: First aid measures

#### 4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes. If irritation persists seek medical attention.

Ingestion: Wash out mouth with water.

Inhalation: Inhalation of product is unlikely. If recovery is not rapid seek medical attention.

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

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

Delayed / immediate effects: No data available.

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

Immediate / special treatment: Not applicable.

### Section 5: Fire-fighting measures

#### 5.1. Extinguishing media

Extinguishing media: This product is not flammable and does not support combustion.

Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

#### 5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

#### 5.3. Advice for fire-fighters

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

### Section 6: Accidental release measures

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

Refer to section 8 of SDS for personal protection details.

Turn leaking containers leak-side up to prevent the escape of liquid.

#### 6.2. Environmental precautions

Do not discharge into drains or rivers. Contain the spillage using bunding.

#### 6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

#### 6.4. Reference to other section

Refer to section 8 of SDS.

### Section 7: Handling and storage

#### 7.1. Precautions for safe handling

Handling requirements: Avoid the formation or spread of mists in the air.

#### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Must only be kept in original packaging.

#### 7.3. Specific end use(s)

No data available.

[cont...]

# SAFETY DATA SHEET

TOPPIT

Page: 3

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

Workplace exposure limits: No data available.

Hazardous ingredients: BORIC ACID

### 8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

## Section 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Dark brown

Odour: Barely perceptible odour

Evaporation rate: Negligible

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Highly soluble

Viscosity: Viscous

Boiling point/range°C: 100

Melting point/range°C: 0

Flammability limits %: lower: Not applicable upper: Not applicable.

Flash point°C: >93

Part. coeff. n-octanol / water: Not applicable.

Auto flammability°C: Not applicable.

Vapour pressure: Not applicable.

Relative density: 1.62 - 1.67

pH: 8.5 - 9.5

VOC g/l: 0

### 9.2. Other information

No data available.

## Section 10: Stability and reactivity

### 10.1. Reactivity

Stable under recommended transport or storage conditions.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

### 10.4. Conditions to avoid

Heat.

### 10.5. Incompatible materials

Materials to avoid: Acids. Oxidising agents.

### 10.6. Hazardous decomposition products

In combustion emits toxic fumes.

[cont...]

# SAFETY DATA SHEET

TOPPIT

Page: 4

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

Hazardous ingredients:

BORIC ACID

DERMAL	RBT	LD50	>2000	mg/kg
ORAL	RAT	LD50	>2000	mg/kg

Toxicity values: No data available. Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

Delayed / immediate effects: No data available.

## Section 12: Ecological information

### 12.1. Toxicity Hazardous ingredients: BORIC ACID

Daphnia magna	48H EC50	133	mg/l
FISH	96H LC50	100	mg/l

### 12.2. Persistence and degradability

Biodegradable.

### 12.3. Bioaccumulative potential

No bioaccumulation potential.

### 12.4. Mobility in soil

Readily absorbed into soil.

### 12.5. Results of PBT and vPvB assessment

This product is not identified as a PBT/vPvB substance.

### 12.6. Other adverse effects

Negligible ecotoxicity.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Recovery operations: Not applicable.

Disposal of packaging: Dispose of as normal industrial waste.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

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# SAFETY DATA SHEET

TOPPIT

Page: 5

## Section 14: Transport information

Transport class: This product does not require a classification for transport.

## Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## Section 16: Other information

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

Legal disclaimer: 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 does not represent any guarantee of the properties of the product. The product should not be used for other purposes than those specified under section 1. Attention of users is drawn to the possible risks incurred when the product is used for purposes other than those for which it was designed. The company shall not be held liable for any damage resulting from handling or from contact with the above product.

[final page 5 of 5]

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