

## SB Hybrid Tea

ACCORDING TO UK-REGULATIONS

### SECTION 1 — PRODUCT AND COMPANY IDENTIFICATION

#### 1.1 Identification of the substance/mixture and of the company/undertaking

Trade/Product Name: SB HybridTea

Registration No: Not registered

CAS No: Not available

Version no: 1.0

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

Identified uses: Agriculture and amenities

Uses advised against: None identified

#### 1.3 Details of the supplier of the safety data sheet:

Distributor: Soil Biology Ltd

Address: Unit 30 Branbridges Industrial East Peckham, Kent TN12 5HF

Email: [info@soil-biology.co.uk](mailto:info@soil-biology.co.uk)

#### 1.4 Emergency telephone contact:

General information: 01829 883759

Only during office hours 08:30 – 17:00 Monday to Friday

### SECTION 2 — HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

Classification of substance/mixture according to Regulation (EC) 1272/2008 According to Regulation (EC) No 1272/2008: Not classified

Physical hazards:

Health hazards:

Environmental hazards:

Specific hazards:

Main symptoms:

#### 2.2 Label elements

Label according to Regulation (EC) No. 1272/2008 Hazard Pictograms:



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Signal word: Warning

Hazard statements: H334: may cause allergy or asthma symptoms or breathing difficulties if inhaled.

Precautionary statements:

Prevention:

P261: Avoid breathing dust

P264: Wash hands thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

Response: P285:

In case of inadequate ventilation, wear respiratory protection

P304+P341: IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

P342+P311: If experiencing respiratory symptoms call a doctor.

Storage

Disposal Additional labelling:

P501: Dispose of contents/container in accordance with local regulations

Not applicable

### 2.3. Other hazards

The mixture does not fulfil the criteria for PBT or vPvB substance. The preparation contains microorganisms belonging to hazard group 1 as defined by the Advisory Committee on Dangerous Pathogens (ACDP) as unlikely to cause human disease. However, it should not be assumed that infection can never occur. People who are immunocompromised should not work with this product.

## **SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

### 3.1/2 Substances and Mixtures

Bacillus spp 0.16 - 6.3% By weight

Pseudomonas spp 0.16 - 6.3% By weight

Paenibacillus sp 0.16 - 6.3% By weight

Azotobacter sp 0.16 - 6.3% By weight

Azospirillum sp 0.16 - 6.3% By weight

Beijerinckia sp. 0.16 - 6.3% By weight

Ascophyllum nodosum, ext 100% purity CAS 84775-78-0 >1%

Dextrose Powder. 62.0 - 99.0% By weight

## **SECTION 4: FIRST AID MEASURES**

### 4.1 Description of first aid measures

Inhalation: Move affected person to fresh air; keep person quiet and warm; in case of respiratory failure, administer artificial respiration and seek medical attention.

Skin contact: Wash affected areas with plenty of water.

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Eye contact: Remove contact lenses, if present and easy to do. Rinse eyes with water for at least 15 minutes while holding eyelids apart.

Ingestion: Rinse mouth with water, drink plenty of water. Do not induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation : Sensitive individuals may experience breathing difficulties

4.3 Indication of any immediate medical attention and special treatment needed

Follow advice in 4.1

**5. FIREFIGHTING MEASURES**

5.1 Extinguishing media

Any extinguishing media may be used but should be appropriate to the cause of the fire and surrounding area

5.2 Special hazards arising from the substance or mixture

Low degree of risk due to thermal decomposition. May release oxides of carbon if burnt (CO; CO<sub>2</sub>).

5.3 Advice for firefighters

Fire-fighters should be equipped with breathing apparatus appropriate to environmental conditions and wear protective clothing.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with eyes and skin and dust formation, do not breathe dust. Wear suitable protective clothing (overalls), gloves, mask & goggles. For emergency responders: see 6.1.1

6.2. Environmental precautions

Dextrose can raise water oxygen demand in large quantities.

6.3. Methods and material for containment and cleaning up

Avoid creating dust; preferably vacuum clean and collect in suitable labelled containers for waste. Rinse contaminated area with water afterwards with plenty of water

6.4. Reference to other sections

Personal protective means are given in section 8. Disposal advice is given in section 13

**SB Hybrid Tea****SECTION 7: HANDLING AND STORAGE**

## 7.1. Precautions for safe handling

Read label before use. Avoid creating dust. Wash hands after working with product. Do not smoke, eat or drink when handling product.

Employees should wear protective work clothing, shoes and gloves. Wear additional mask and goggles if creating dust. Avoid prolonged or repeated exposure. Follow manufacturer's recommendations.

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

Keep in original container. Store in a cool, dry, well-ventilated place. Prolonged storage should be chilled. Protect from light, raised temperatures and humidity.

## 7.3. Specific end use(s)

Refer to product information sheet for full use and application details.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

## 8.1. Control parameters

Contains no substances with occupational exposure limit values.

## 8.2. Exposure controls

Appropriate engineering: Work in a well - ventilated area. Avoid eating, drinking and smoking. Wash hands after use

Individual protection measures, such as personal protective equipment

**Eye/face protection** : Safety glasses.

**Skin protection** : Protective clothing (overalls) shoes

**Hand protection**: Rubber gloves

**Respiratory protection**: Dust mask

**Thermal hazards** : Carbon monoxide at low oxygen levels.

**Work & hygiene practices**: Provide readily accessible eye wash stations & safety showers. Wash at end of each shift & before eating, smoking or using the toilet. Launder clothes that have become contaminated.

**Environmental exposure**: Not applicable

**Exposure limits**: No data available for this product



**SB Hybrid Tea****SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

## 9.1. Information on basic physical and chemical properties

Appearance: Powder

Colour: White/beige

Odour: Faint

pH: 6.8-7.2

Melting point/freezing point : Not applicable

Initial boiling point and boiling : Not applicable

Flash point : Not applicable

Evaporation rate : Not applicable

Flammability (solid, gas) : Not applicable

Vapour pressure : Not applicable

Vapour density : Not applicable

Relative density : 0.75- 0.85 gm/cm<sup>3</sup>

Solubility(ies) : 100 gm/litre

Stability: Not applicable

Exposure limit: Not applicable

Partition coefficient : Not applicable

Decomposition temperature: Not applicable

Viscosity: Not applicable

Explosive properties: Not applicable

Oxidizing properties: Not applicable

## 9.2. Other information

None

**SECTION 10: STABILITY AND REACTIVITY**

## 10.1. Reactivity

Beware of following conditions: Extremes of Temperature.

Beware of following materials: Biocides.

## 10.2. Chemical stability

Not available

## 10.3. Possibility of hazardous reactions

Not available

## 10.4. Conditions to avoid

Do not expose the mixture to humidity and extremes of temperatures. Isolate from extreme heat, sparks, high temperatures and open flame.

## 10.5 Incompatible materials

Any material with biocidal properties. Strong oxidizing agents, acids and bases.

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10.6 Hazardous decomposition products  
May release oxides of carbon during fire (CO; CO<sub>2</sub>)

**SECTION 11: TOXICOLOGICAL INFORMATION**

## 11.1. Information on toxicological effects

Acute toxicity : Non - toxic  
Skin corrosion/irritation: Not an irritant  
Eye damage/irritation : Eye and Skin irritation.  
Respiratory sensitisation : May cause sensitisation in certain susceptible individuals. Classed as a respiratory sensitiser.  
Skin sensitisation: No data available  
Germ cell mutagenicity: No data available  
Carcinogenicity : Non-carcinogenic  
Reproductive toxicity: Non – toxic  
Mutagenicity: Non-mutagenic  
Specific target organ toxicity - single exposure: No data available  
Specific target organ toxicity: Non – toxic  
repeated exposure  
Aspiration hazard: No data available  
Mixture versus substance Information: No data available

## Information on likely routes of exposure:

Inhalation: May cause sensitisation in some individuals  
Skin: Not absorbed through skin.  
Eyes: Dust may cause irritation (mechanical)  
Ingestion: Unlikely to be harmful if swallowed.

## Symptoms related to related to the physical, chemical and toxicological characteristics:

If inhaled, may cause sensitisation (shortness of breath).  
Delayed and immediate effects and chronic effects from short and long term exposure:  
If inhaled, may cause sensitisation (shortness of breath)  
Interactive Effects: Not available.  
Absence of data:  
If information is not listed in section 11 it is due to non-availability of data or not appropriate.  
Other Information: Not applicable.

**SECTION 12: ECOLOGICAL INFORMATION**

**12.1. Toxicity:** Not determined

**12.2. Persistence and degradability:** Dextrose is fully biodegradable. The bacteria are naturally present in the environment.

**12.3. Bioaccumulative potential Bioconcentration factor (BCF):** Not expected to accumulate

**12.4. Mobility in soil, Mobility in general:** Not determined

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**12.5. Results of PBT and vPvB Assessment:** Dextrose and bacteria are not classified as PBT or vPvB substances

**12.6. Other adverse effects:** Not determined

**SECTION 13: DISPOSAL CONSIDERATIONS**

13.1. Waste treatment methods

Residual waste : Use licensed waste disposal company  
Contaminated packaging : Dispose of as unused product.  
EU waste code: No data available

**SECTION 14: TRANSPORT INFORMATION**

Not classified as a dangerous good. Non-hazardous

Not classified as hazardous for transport within transport regulations

**SECTION 15: REGULATORY INFORMATION**

EU regulations: None applicable

Restrictions on use : No data available

15.2. Chemical safety assessment

No data available

**SECTION 16: OTHER INFORMATION**

Key References and sources of data

This safety data sheet has been prepared in accordance with Regulations (EC) of the European Parliament Council No 1272/2008 and Commission Regulation (EU) No 453/2010.

Disclaimer

This SDS summarises our best knowledge of the health and safety hazards information about the production and how to handle the product. The information contained in this SDS, as of the issue date, is believed to be true and correct. However, accuracy or completeness of this information, and any recommendations and suggestions, are made without warranty and guarantee. Since the conditions of use are beyond the control of Soil Biology Ltd, it is the responsibility of the distributor and user to determine the conditions of safe use of this product.

Every effort has been made to ensure this product contains no sharp fragments or regenerative plant parts. However, Edaphos cannot guarantee they will never be present.