



# Pro Bio Products

## Health and Safety Data Information

### 1. Identification Name of the substance and Company

**PRODUCT NAME** BioTop.

1. Supplied to market by XL Horticulture Ltd. Exmouth Rd., West Hill, Ottery St. Mary, Devon. EX11 1JZ
2. Tel 01404 823044 Fax 01404 823335. www.xlhorticulture.co.uk email info@xlhorticulture.co.uk

### 2. Composition & Information of Ingredients

1. Contains. Comprising of plant material composted by worms, silicates and humates .
2. Hazardous Components No chemical or hazardous components or compounds.

### 3. Hazards Identification

1. Specific Risks. There are no known specific risks or dangers associated with the use of this product and it is considered to be non hazardous

### 4. First Aid information

1. Skin contact. Wash hands after use/wash cuts and broken skin areas with water.
2. Eye Contact . Flush eyes with copious amounts of water until irritation stops. If persistent seek medical advice.
3. Ingestion of BioTop No ill effects should occur with accidental ingestion.

### 5. Fire Flammability and Fire Fighting Methods

1. Suitable Extinguishers. BioTop is non flammable. Use fire extinguisher suitable for fire source.
2. There are no unsuitable types of extinguishers.

### 6. Accidental spillage/release measures

1. Safety Precautions. Wear suitable protective clothing, and rubber/waterproof gloves if the BioTop becomes contaminated with other materials
2. Environmental precautions. Can encourage growth and algae if washed into a water course.
3. Clean up procedure. Wash down and dispose of responsibly

### 7. Handling and storage.

1. Handling If you have sensitive skin wear rubber gloves and appropriate protective clothing. Do not inhale dust.
2. Storage. Store away from sunlight and keep frost free. Do not expose to high temperatures.
3. Keep away from Any chemicals such as fungicides, biocides, fertilisers and acids/alkalis.

### 8 Exposure and Use

1. Respiratory. Wear a mask if exposed to dust.
2. Hand. Wear gloves and protective clothing if you have a sensitive skin.
3. Eye. Wear goggles if exposed to dust.
4. Skin. Wash before and after use and wear protective clothing if you have a sensitive skin.
5. Hygiene. Keep away from food preparation and eating areas.

### 9. Physical and Chemical Properties

1. Appearance. Black to light grey, vermi composted organic sources.
2. Odour. Earthy aroma.
3. Melting Point. N/A
4. Oxidising properties None.
5. Solubility in Water. Some constituents soluble.
6. Solubility in Solvents. N/A
7. Decomposition Temperature. Can become inactive >35°C

**10. Stability and Reactivity**

- |   |                               |
|---|-------------------------------|
| 1. <u>Known Hazardous Reaction.</u>         | None                          |
| 2. <u>Materials to avoid.</u>               | Strong Acids/Alkali compounds |
| 3. <u>Hazardous Decomposition Products.</u> | None                          |

**11. Toxicological Information**

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|--------------------|-------------|
| 1. <u>Effects.</u> | None Known. |
|--------------------|-------------|

**12. Ecological Information**

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|----------------------------------|--|
| 1. <u>Environmental Effects.</u> | Stimulates Plant Growth.   |
| 2. <u>Degradability</u>          | The medium is fully bio degradable                                   |
| 3. <u>Aquatic Toxicity.</u>      | Can cause biological enrichment of water and increased plant growth. |

**13. Disposal Considerations**

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|---------------------|--|
| 1. <u>Material</u>  | Collect and dispose of as you would any growing media.         |
| 2. <u>Container</u> | Polypropylene 5 suitable for recycling with other PP products. |

**14. Transport Information**

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|---------------------------|--|
| 1. No special Precautions | Not classified in The Road Traffic Act either for Carriage of dangerous Substances in Road Tankers and Tank Containers or in the Carriage of Dangerous Substances in Packages Regulations. |
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**15. Regulatory Information**

- |                        |        |
|------------------------|--------|
| 1. <u>Label Name</u>   | BioTop |
| 2. <u>Risk Phrases</u> | None   |
| <u>Safety Phrases</u>  |        |

- S2 Keep out of the reach of children  
S8 Keep container dry.  
S13 Keep away from food, drink and animal foodstuffs.  
S20 When using, do not eat or drink.  
S22 Do not breathe dust.  
S24/25 Avoid contact with skin and eyes.  
S36 Wear suitable protective clothing.  
S50 Any product unless specified by XL Horticulture Ltd.  
EEC Complies with Organic Certification EU-Bio VO 2092/91 7 EC 834/2007

**16. Other information**

This material is normally used for enhancing the biological activity and encouraging soil bio diversity in :-

1. Sports turf
2. Field production of nursery stock transplants
3. Field production of top , soft and cane fruit
4. Container production of hardy ornamental nursery stock
5. Pot production of ornamental plants
6. Final planting out areas of ornamental plants of all species

The information contained in this data sheet is based upon our knowledge of this material at time of writing. No warranty is implied as to the quality of the product or suitability for its intended use.