

## Material Safety Data Sheet

### *Mills Top Mix*

**1. Name of the substance and/or of the preparation and of the company**

**1.1 Product identifier**

Trade name *Top Mix*

Administration No

Item No

**1.2 Relevant identified uses of the substance or of the preparation and uses that are advised against**

The product is used as a growing medium

**1.3 Details on the supplier who makes available the safety data sheet**

Mills Nutrients B.V.

Aalsmeerderweg 249-K

1432 CM Aalsmeer, The Netherlands

Telephone: int +31 (0)202233957

Contact for technical information:

Mills Nutrients B.V., Aalsmeerderweg, 1432 CM Aalsmeer, The Netherlands

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**1.4 Emergency number**

**2. Possible hazards**

**2.1 Classification of the substance or preparation**

**2.1.1 Classification pursuant to Regulation (EC) No 1272/2008**

Not a hazardous substance within the meaning of Regulation (EC) No 1272/2008 in the version as last amended.

**2.1.2. Classification pursuant to Directive 67/548/EEC**

Not a hazardous substance within the meaning of Directive 67/548/EEC in the version as last amended.

**2.2 Labelling elements pursuant to Regulation (EC) No 1272/2008**

Hazard pictogram:

No pictogram

Signal word:

No signal word

Product identifier:

Not required

Hazard statements:

Not required

Safety instructions:

Not required

Additional labelling elements for certain preparations:

Not required

**2.3 Other hazards**

No hazards that would need to be mentioned in particular, however, developing dust should be avoided during processing or working with the product.

**3. Composition / Details on the components**

**3.1 Substances**

Black peat

Brown peat

White peat

Perlite

**3.1.2 Appearance and odor**

Brown, fibrous, earthy odor

**3.2 Boiling point**

Not applicable

- 3.2.2 **Vapor pressure**  
Not applicable
  - 3.2.3 **Solubility in water**  
Not applicable
  - 3.2.4 **melting point**  
Not applicable
  - 3.2.5 **Evaporation rate**  
Not applicable
  - 3.3 **Additional information**  
None.
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#### 4. **Health Hazard Data**

##### 4.1 **Description of first aid measures**

###### 4.1.1 **General information**

None.

###### 4.1.2 **After inhaling**

Inhalation over long periods of high amounts of any nuisance dust may overload lung clearance mechanism, irritate mucous membrane and make lungs more vulnerable to respiratory disease. After inhaling dust released into the environment provide fresh air. If there are complaints, provide medical treatment.

###### 4.1.3 **After skin contact**

No special steps required.

Keep open wounds covered and clean as suggested by any good program of hygiene.

###### 4.1.4 **After eye contact**

If the product gets into contact with the eyes, immediately rinse 10 to 15 sec. under running water holding the eyelid open.

Remove contact lenses, if any and if easily possible.

Do not rub eyes dry; cornea may be damaged because of mechanical stress.

If there are complaints, provide medical treatment.

###### 4.1.5 **After swallowing**

No special steps required.

##### 4.2 **Most important acute and delayed symptoms and effects**

After inhaling dust released into the environment: Respiratory irritation, e.g. burning sensation on the skin, cough.

After eye contact with dust released into the environment: Burning sensation, eyes water.

##### 4.3 **Instructions regarding medical emergency relief or special treatment**

A device for rinsing the eyes should be available close by the workplace.

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#### 5. **Measures regarding fire fighting**

##### 5.1 **Auto Ignition Temperature**

260 °C

##### 5.2 **Flash Point**

Not applicable

##### 5.3 **Flammable Limits**

Not applicable

##### 5.4 **Extinguishing Media**

Standard fire-fighting agents

##### 5.5 **Special fire fighting procedures**

None. Caution, burning may continue inside bags or piles after surface fire is out. Break bags or separate pile to assure that the fire is extinguished. The thermal decomposition products are those commonly observed with natural products such as wood or other vegetable matter.

##### 5.6 **Unusual fire and explosion hazards**

None

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#### 6. **Reactivity Data**

##### 6.1 **Stability**

- Stable
- 6.2 **Conditions to avoid**  
None known
- 6.2 **Incompatibility**  
Strong acids
- 6.3 **Hazardous decomposition or byproducts**  
Does not occur except during pyrolysis. See section 5.
- 6.4 **Hazardous Polymerization**  
None known

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7. **Handling and storage**
- 7.1 **Precautions for safe handling and use**
- 7.1.1 **Steps to be taken in case material is released or spilled**  
Use methods to clean spill which avoid creating airborne dust. Remove for disposal or incorporation into soils or garden.
- 7.1.2 **Waste disposal method**  
Waste of this product is not defined as hazardous. Dispose of all waste in accordance with federal, state and local regulations.
- 7.1.3 **Precautions to be taken in handling and storing**  
If excessive dust is created, avoid breathing dust by using adequate ventilation and/or approved respirator for nuisance dust of this type. Breathing dust may be harmful to your health.
- 7.1.4 **Other precautions**  
Protective eye wear should be worn where dust levels are high enough to cause irritation.
- 7.1.5 **Instructions regarding general hygiene at the workplace**  
Do not inhale dust. Protective gloves are not normally necessary but suggested in cases of open wounds that are not appropriately protected. Protective eye wear should be worn where dust levels are high enough to cause irritation. A device for rinsing the eyes should be available close by the workplace.
- 7.2 **Requirements regarding safe storage bearing in mind incompatibilities**
- 7.2.1 **Instructions regarding fire and explosion protection**  
No special measures required.
- 7.2.2 **Requirements to storage rooms and containers**  
Keep dry and protected against direct sunlight in original packaging.
- 7.2.4 **Other information regarding the storage conditions**  
Keep dry and cool.
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The information in this safety data sheet is applicable for both sea transport as well as air shipment.