



# SAFETY DATA SHEET

## Kekkilä C1 R8089

The safety data sheet is in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

Date issued 17.05.2016

#### 1.1. Product identifier

Product name Kekkilä C1 R8089  
Chemical name Spaghnum peat  
Article no. 1126920,1010872,1010892,43065

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

Use of the substance/preparation Professional substrate.

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

Company name Kekkilä Oy  
Postal address Äyritie 8 D  
Postcode 01510  
City Vantaa  
Country Finland  
Tel 020 790 4800  
Website <http://www.kekkila.com>  
Enterprise no. 0558734-9

#### 1.4. Emergency telephone number

Emergency telephone Tel.:+358 207 904 800

### SECTION 2: Hazards identification

#### 2.1. Classification of substance or mixture

Substance / mixture hazardous properties Not dangerous.

#### 2.2. Label elements

Labelling according to REACH Annex XVII Information on the label.

#### 2.3. Other hazards

Other hazards Not dangerous.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

Inhalation Moisture content of packed peat is so high that it does not dust. Peat may dry when handled and then it is good to use respiratory protection.  
Skin contact No known hazard.

Eye contact	Dust particles may cause minor eye irritation. Rinse with water.
Ingestion	No known hazard.

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

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

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media	Peat does not burn well. In case of fire, peat will be extinguished by water.
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#### 5.2. Special hazards arising from the substance or mixture

#### 5.3. Advice for firefighters

Personal protective equipment	Standard fire protection equipment.
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### SECTION 6: Accidental release measures

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

##### 6.1.1. For non-emergency personnel

Personal precautions	Not known to occur.
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#### 6.2. Environmental precautions

Environmental precautionary measures	Not known to occur precautions.
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#### 6.3. Methods and material for containment and cleaning up

#### 6.4. Reference to other sections

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Handling	When taken into use handle according to the package instruction.
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#### 7.2. Conditions for safe storage, including any incompatibilities

Storage	Storage in a cool and dry place.
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#### 7.3. Specific end use(s)

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

#### 8.2. Exposure controls

##### Precautionary measures to prevent exposure

Product-related measures to prevent exposure	Sufficient ventilation during working. Prevent peat drying. Add water to the peat to prevent peat dust forming if needed.
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##### Respiratory protection

Respiratory protection	Use dust mask if dust formation might occur.
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##### Hand protection

Hand protection	Not needed.
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##### Eye / face protection

Eye protection	Not needed.
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##### Skin protection

Skin protection (except hands)	Normal working clothes.
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##### Other Information

Other Information	No exhibition limits.
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### SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

Physical state	Loose structure
Colour	Brown
Odour	Mild smell.
pH (as supplied)	<b>Value:</b> 5,4-6,9 <b>Method of testing:</b> 1 + 5
Comments, Melting point / melting range	Melting point not defined.
Bulk density	<b>Value:</b> 70-100 kg/dm <sup>3</sup> dry
Explosive properties	Explosive components not defined.

## 9.2. Other information

### Physical hazards

Water reactivity	Stable in water.
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

### 10.2. Chemical stability

### 10.3. Possibility of hazardous reactions

### 10.4. Conditions to avoid

Conditions to avoid	Hot conditions on long period will weaken products usage.
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### 10.5. Incompatible materials

Materials to avoid	No materials to be avoided.
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### 10.6. Hazardous decomposition products

Hazardous decomposition products	No decomposition products.
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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Toxicological Information:

Other toxicological data	No acute toxicity.
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#### Potential acute effects

Inhalation	No.
Skin contact	No.
Eye contact	No.
Ingestion	No.

#### Delayed effects / repeated exposure

Chronic effects	No.
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## SECTION 12: Ecological information

### 12.1. Toxicity

Ecotoxicity	Decomposes slowly, biologically in nature.
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### 12.2. Persistence and degradability

### 12.3. Bioaccumulative potential

### 12.4. Mobility in soil

### 12.5. Results of PBT and vPvB assessment

### 12.6. Other adverse effects

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Specify the appropriate methods of disposal	Can be used as soil improvement.
Other Information	Normal transportation.

## SECTION 14: Transport information

### 14.1. UN number

### 14.2. UN proper shipping name

ADR	Not applicable.
RID	Not applicable.
IMDG	Not applicable.

### 14.3. Transport hazard class(es)

### 14.4. Packing group

### 14.5. Environmental hazards

### 14.6. Special precautions for user

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

## SECTION 15: Regulatory information

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

Assessed restrictions	None.
Other labelling requirements	None.

### 15.2. Chemical safety assessment

## SECTION 16: Other information

Supplier's notes	Tämän käyttöturvallisuustiedotteen tiedot ovat parhaan tietämyksemme mukaan oikeita laatimispäivänä. Annetut tiedot ovat ainoastaan ohjeellisia turvallista käsittelyä, käyttöä, työstöä, varastointia, kuljetusta, jätteidenkäsittelyä ja päästöjä varten, eikä niitä saa käsittää takuuksi tai laatuspesifikaatioksi. Tiedot koskevat vain mainittua tuotetta, eivätkä välttämättä pidä paikkaansa, jos tuotetta käytetään yhdessä toisen tuotteen kanssa tai prosessissa, ellei erikseen mainittu tekstissä.
Additional information	KEKKILÄ C1 R8089 is a ready for use horticultural peat based substrate, which is screened into fine grade, limed and fertilised. The peat raw material is clean, homogenous Sphagnum peat moss of the highest quality, containing natural, biologically active agents, which help to prevent plant diseases and stimulate healthy growth. For more information please review the technical data sheet.
Version	2
Responsible for safety data sheet	Kekkilä Oy