



## SAFETY DATA SHEET

# OPM 540 W R1430

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 25.05.2018

#### 1.1. Product identifier

Product name OPM 540 W R1430

Article no. 5101430, 5111430, 5121430, 5131430, 5561430, 5571430, 5581430, 5811430

Product definition This peat product is a mix of carefully selected materials from brown Sphagnum peat. The product is screened to coarse grade, limed and fertilised.

#### 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

##### Producer

Company name Kekkilä Oy

Postal address Äyritie 8 D

Postcode 01510

City Vantaa

Country Finland

Telephone number +358 20 790 4800

Website [www.kekkilaprofessional.com](http://www.kekkilaprofessional.com)

Enterprise No. 0558734-9

#### 1.4. Emergency telephone number

Emergency telephone Telephone number: +358 9 4711  
Description: (FI) Poison Control Center

### SECTION 2: Hazards identification

## 2.1. Classification of substance or mixture

DPD / DSD Classification notes	Not dangerous
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## 2.2. Label elements

Other EU labelling requirements	Information on the label
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## 2.3. Other hazards

Other hazards	Not dangerous
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# SECTION 3: Composition / information on ingredients

## 3.1. Substances

Substance	Identification	Classification	Contents
Peat			
Lime			
Basic Fertilizer			

# 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

## 6.2. Environmental precautions

Environmental precautionary measures    Not known to occur precautions.

## 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.

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

Storage    Storage in a cool and dry place.

## 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.

### Eye / face protection

Eye protection, comments    Not needed

### Hand protection

Hand protection, comments    Not needed

### Skin protection

Skin protection (except hands)    Normal working clothes

### Respiratory protection

Respiratory protection    Use dust mask if dust formation may occur.

# 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	Value: 5,4 – 6,9 Method: 1 + 5
Boiling point / boiling range	Comments: Melting point not defined
Density	Value: 60 – 90 Method: kg/m3 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 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

Other toxicological data	No acute toxicity.
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### Other information regarding health hazards

Skin corrosion acidic reserve	
Inhalation	No
Skin contact	No
Eye contact	No
Ingestion	No

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecotoxicity

Decomposes slowly, biologically in nature

### 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

Waste disposed of in the local and national regulations Can be used as soil improvement

Other information

Normal transportation

## SECTION 14: Transport information

### 14.1. UN number

### 14.2. UN proper shipping name

Technical name / danger releasing substance ADR / RID / ADN

Not applicable

Technical name / danger releasing substance 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
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## 15.2. Chemical safety assessment

### SECTION 16: Other information

Supplier's notes	The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.
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List of relevant H-phrases (Section 2 and 3)	
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Additional information	Kekkilä OPM 540 W R1430 is a ready for use horticultural peat based substrate, which is screened into coarse grade, limed and fertilised. The peat raw material is clean, homogenous Sphagnum peat moss of the highest quality. For more information please review the technical data sheet.
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