

## SAFETY DATA SHEET



## Peat Superex

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 21.01.2020

**1.1. Product identifier**

Product name Peat Superex

Article no. 71191

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

Use categories nordic (UCN). 55 Other chemicals

Use of the substance / preparation Fertilisation of ornamental and pot plants

Standard industrial classification (NACE) 201

The chemical can be used by the general public Yes

The chemical is used by general public only No

**1.3. Details of the supplier of the safety data sheet****Manufacturer**

Company name Kekkila Oy

Postal address Ratatie 11 A

Postcode 01300

City Vantaa

Country Finland

Telephone number 020 790 4910

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

Enterprise No. 0558734-9

**1.4. Emergency telephone number**

Emergency telephone Telephone number: +3589 4711

Description: Poison Information Centre

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

### 2.2. Label elements

### 2.3. Other hazards

## SECTION 3: Composition / information on ingredients

### 3.2. Mixtures

Substance	Identification	Classification	Contents	Notes
Disodium tetraborate	CAS No.: 1303-96-4	Repr. 1B; H360FD;	0,025 - 0,030 %	
Decahydrate	Index No.: 005-011-01-1			

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air at once. Place unconscious person on the side in the recovery position and ensure breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor / physician.
Skin contact	Flush skin thoroughly with water.
Eye contact	Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice/attention.
Ingestion	Rinse mouth thoroughly with water and give large amounts of milk or water to people not unconscious. Contact physician if larger quantity has been consumed.

### 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	Use extinguishing methods suitable for the environment (water and sand)
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### 5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	Nitrogen gas and sulfur dioxide vapors
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### 5.3. Advice for firefighters

Special protective equipment for firefighters	Use compressed air breathing apparatus or equivalent
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## SECTION 6: Accidental release measures

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

Personal protection measures	For personal protection, see section 8. Stop leak if possible without any risk.
Hazardous combustion products	Nitrogen gas and sulfur dioxide vapors
Protective equipment	Personal equipment see section 8.

## 6.2. Environmental precautions

Environmental precautionary measures	Do not allow to enter drains, sewers or watercourses.
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## 6.3. Methods and material for containment and cleaning up

Cleaning method	Sweep up and place into an appropriate container.
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## 6.4. Reference to other sections

Other instructions	Information for safe handling, section 7. Information for safety equipment, section 8. Information for waste management, section 13.
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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Handling	Avoid contact with skin and eyes.
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### Protective safety measures

Safety measures to prevent fire	Keep away from heat / sparks / open flames / hot surfaces. – No smoking.
Preventitive measures to protect the environment	Do not allow into drains or watercourses

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

Conditions to avoid	Keep / Store away from combustible materials.
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### Conditions for safe storage

Technical measures and storage conditions	Keep out of reach of children.
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### 7.3. Specific end use(s)

Recommendations	Do not handle until all safety precautions have been read and understood.
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## SECTION 8: Exposure controls / personal protection

### 8.1. Control parameters

### 8.2. Exposure controls

## Safety signs



### Eye / face protection

Eye protection	Wear splash-proof eye goggles to prevent any possibility of eye contact.
Suitable eye protection	Wear approved, tight fitting safety glasses where splashing is probable.

### Hand protection

Hand protection	PVC gloves are recommended.
Skin- / hand protection, short term contact	PVC gloves are recommended.
Skin- / hand protection, long term contact	PVC gloves are recommended.

### Skin protection

Skin protection (except hands)	Wear appropriate clothing to prevent reasonably probable skin contact.
Skin protection remark	Wear appropriate clothing to prevent reasonably probable skin contact.

### Respiratory protection

Respiratory protection	Use respiratory equipment with particle filter, type P2.
Recommended respiratory protection	Mask type: Use respiratory equipment with particle filter, type P2.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	Crystalline powder.
Colour	Grey. Greenish.
Odour	Mild.
pH	Status: In aqueous solution Value: 4,5 -5,5 Method: 10 % solution
Melting point / melting range	Value: > 200 °C
Relative density	Value: 900 - 1100 kg/m <sup>3</sup>
Solubility	Medium: Water Name: Dissolves in water
Oxidising properties	Oxidising.

### 9.2. Other information

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity Not determined.

### 10.2. Chemical stability

Stability Not determined.

### 10.3. Possibility of hazardous reactions

### 10.4. Conditions to avoid

Conditions to avoid Avoid heat, flames and other sources of ignition.

### 10.5. Incompatible materials

Materials to avoid Avoid contact with acids and alkalis

### 10.6. Hazardous decomposition products

Hazardous decomposition products When heated, toxic and corrosive vapours/gases may be formed.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity  
Type of toxicity: Acute  
Effect tested: LD50  
Route of exposure: Oral  
Value: > 500 mg/kg  
Species: Rat.

## SECTION 12: Ecological information

### 12.1. Toxicity

### 12.2. Persistence and degradability

### 12.3. Bioaccumulative potential

### 12.4. Mobility in soil

Mobility The product is soluble in water.

### 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      Confirm disposal procedures with environmental engineer and local regulations.

## SECTION 14: Transport information

### 14.1. UN number

### 14.2. UN proper shipping name

### 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 and the IBC Code

## SECTION 15: Regulatory information

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

### 15.2. Chemical safety assessment

CSR required      No

## SECTION 16: Other information

List of relevant H-phrases (Section 2 and 3)      H360FD May damage fertility. May damage the unborn child.

Training advice      Before handling / use, read the safety data sheet

Version      2

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