



SAFETY DATA SHEET

Vegetable 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 29.01.2019

1.1. Product identifier

Product name Vegetable Superex

Article no. 71193

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 vegetables.

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

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) |
|------------------------------|---|

5.2. Special hazards arising from the substance or mixture

| | |
|----------------------------|--|
| Fire and explosion hazards | Nitrogen gas and sulfur dioxide vapors |
|----------------------------|--|

5.3. Advice for firefighters

| | |
|---|--|
| Special protective equipment for firefighters | Use compressed air breathing apparatus or equivalent |
|---|--|

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. |
|--------------------------------------|---|

6.3. Methods and material for containment and cleaning up

| | |
|-----------------|---|
| Cleaning method | Sweep up and place into an appropriate container. |
|-----------------|---|

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. |
|--------------------|--|

SECTION 7: Handling and storage

7.1. Precautions for safe handling

| | |
|----------|-----------------------------------|
| Handling | Avoid contact with skin and eyes. |
|----------|-----------------------------------|

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. |
|---------------------|---|

Conditions for safe storage

| | |
|---|--------------------------------|
| Technical measures and storage conditions | Keep out of reach of children. |
|---|--------------------------------|

7.3. Specific end use(s)

| | |
|-----------------|---|
| Recommendations | Do not handle until all safety precautions have been read and understood. |
|-----------------|---|

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 ³ |
| 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 1

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