

SAFETY INFORMATION SHEET

Date of Issue: Oct 2018

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- 1.1. Product identifier** OLIVE TREE FEED (NPK 10 7.5 10.2)
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**
Fertiliser
- 1.3. Details of the supplier of the safety data sheet**
Vitax Limited, Owen Street, Coalville, Leicestershire LE67 3DE
Tel: +44 (0) 1530 510060 Fax: +44 (0) 1530 510299
- 1.4. Emergency telephone number** Tel: +44 (0) 1530 510060 Mon - Fri 9am - 5pm

SECTION 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture**
Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
Not classified
- 2.2. Label elements** No labelling applicable
- 2.3. Other hazards** No relevant data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

- 3.1. Substances** Not applicable
- 3.2. Mixtures** This product does not contain any hazardous ingredients in accordance to EU regulations or National regulations.

SECTION 4: FIRST AID MEASURES

- 4.1. Description of first aid measures**
- Inhalation: Remove victim to fresh air. Consult a doctor in the event of any complaints.
- Ingestion: Wash out mouth with water. Consult a doctor in the event of any complaints.
- Skin contact: Remove contaminated clothing. Wash off with water. Consult a doctor in the event of any complaints.
- Eye contact: Wash out with plenty of water for at least 10 minutes. After initial flushing, remove any contact lenses and continue flushing. Consult a doctor in the event of any complaints.
- Protection of first-aiders: Avoid exposure. Use appropriate protection (see section 8).
- 4.2. Most important symptoms and effects, both acute and delayed**
No specific effects and/or symptoms have been reported or known.
- 4.3. Indication of any immediate medical attention and special treatment needed**
No relevant data available

SECTION 5: FIRE FIGHTING MEASURES

- 5.1. Extinguishing media** All types of extinguishing agent permitted.
- 5.2. Special hazards arising from the substance or mixture**
- Unusual fire/explosion hazards: Danger of explosion when rising in clouds: prevent formation of clouds of dust.
- Hazardous combustion products: Burning may produce: nitrogen oxides and carbon monoxide.
- 5.3. Advice for fire-fighters** Dike fire control water for later disposal.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1. Personal precautions, protective equipment and emergency procedures**
- Personal precautions: Dust filter
- 6.2. Environmental precautions** Prevent dispersion
- 6.3. Methods and material for containment and cleaning up**
Collect in containers
- 6.4. Reference to other sections** No relevant data available

SECTION 7: HANDLING AND STORAGE

- 7.1. Precautions for safe handling**
- Handling: Prevent formation of clouds of dust. Remove all kinds of dust layers.
- 7.2. Conditions for safe storage, including any incompatibilities**
- Storage: Keep in a cool, dry place. Keep away from water and moisture.
- Packaging materials suitable: Keep in bags or containers. Keep container tightly closed in a cool place.
- 7.3. Specific end use(s)** No relevant data available

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1. Control parameters** Dust (total inhalable) LTEL 10 mg/m³ (8hr TWA).

Potassium Sulphate SOP (Westwood) (CAS: 7778-80-5)	Dust (respirable) LTEL 4 mg/m ³ (8hr TWA).
DNEL	Workers - Dermal; Long term systemic effects: 21.3 mg/kg/day Workers - Inhalation; Long term systemic effects: 37.6 mg/m ³ General population - Oral; Long term systemic effects: 12.8 mg/kg/day General population - Dermal; Long term systemic effects: 12.8 mg/kg/day General population - Inhalation; Long term systemic effects: 11.1 mg/m ³
PNEC	- Fresh water; 0.68 mg/l - Marine water; 0.068 mg/l - Intermittent release; 6.8 mg/l - STP; 10 mg/l
Ferrous Sulphate	Long-term exposure limit (8-hour TWA): WEL 1 mg/m ³ Short-term exposure limit (15-minute): WEL 2 mg/m ³
Engineering measures:	Local exhaust recommended.
Occupational Exposure:	No occupational exposure limits have been established – United Kingdom.

8.2. Exposure controls

Personal protective equipment:	
Respiratory system:	In case of insufficient ventilation, wear suitable respiratory equipment: dust filter.
Skin and body:	No specific personal protection is required.
Hands:	No specific personal protection is required.
Eyes:	No specific personal protection is required.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state:	Solid
Colour:	Brownish.
Odour:	Characteristic.
Decomposition temperature:	200 - 250 °C
Solubility in water:	Suspension
Flammability:	Heating may cause: fire.
Explosion properties:	Danger of explosion when rising in clouds.

9.2. Other information

No relevant data available

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity	No relevant data available
10.2. Chemical stability	Stable under normal conditions.
10.3. Possibility of hazardous reactions	No relevant data available
10.4. Conditions to avoid	Avoid contact with moisture, water, heat and combustible substances.
10.5. Incompatible materials	No relevant data available
10.6. Hazardous decomposition products	Ammonia

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects	No toxicological information is known on the product
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SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity	The product is not expected to be toxic to aquatic organisms.
Potassium sulfate (7778-80-5)	
LC50 fish 1	653 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus)
EC50 Daphnia 1	890 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 fish 2	3550 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
12.2. Persistence and degradability	The product is slowly degradable.
12.3. Bioaccumulative potential	Partition coefficient Not known.
12.4. Mobility in soil	No data available.
12.5. Results of PBT and vPvB assessment	This product does not contain any substances classified as PBT or vPvB.
12.6. Other adverse effects	Not relevant.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods	
Methods of disposal:	Disposal according to the local legislation.
Waste of residues:	Keep waste separate. Remove as industrial waste.
Contaminated packaging:	After appropriate cleaning, the packaging can be re-used



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SECTION 14: Transport information

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| 14.1. UN number | Not applicable. |
| 14.2. UN proper shipping name | Not applicable. |
| 14.3. Transport hazard class(es) | No transport warning sign required. |
| 14.4. Packing group | Not applicable. |
| 14.5. Environmental hazards | Not applicable. |
| 14.6. Special precautions for user | Not applicable. |
| 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |

SECTION 15: REGULATORY INFORMATION

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

This product does not contain any hazardous ingredients in accordance to EU regulations. National regulations United Kingdom: No additional national regulations are known to the supplier.

15.2. Chemical safety assessment

No relevant data available

SECTION 16: OTHER INFORMATION

Liability

The information contained in the Safety data sheet is correct to the best of our knowledge at the date of issue. It is intended as a guide for the safe use, handling, disposal, storage and transportation and is not intended as warranty or as a specification. The information relates only to the product specified and may not be suitable for combinations with other materials or in processes other than those specifically described herein.