



SAFETY DATA SHEET

According to UK REACH (S.I. 2019/758)
ORGANIC DAHLIA FEED (NPK 4.5 4.5 4.5)

Date of Issue: 11/07/25
Version: 1.0

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

1.1. Product identifier

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

Fertiliser for retail sale

1.3. Details of the supplier of the safety data sheet

GB

Vitax Limited, Owen Street, Coalville LE67 3DE

Tel: +44 (0)1530 510060 Email: info@vitax.co.uk

1.4 Emergency Contact:

For the general public, in GB contact NHS 111/NHS 24 by dialling 111

For product advice, Tel: +44 (0)1530 510060 (Office Hours)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GB CLP Regulation (UK S.I. 2019/720 and UK S.I. 2020/1567):

Not classified

2.2. Label elements

No labelling applicable

2.3. Other hazards

Contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Contains no components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable

3.2. Mixtures

Contains no substances classifiable in accordance with Annex II of The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020.

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 from dust rising in clouds: prevent formation of dust clouds.

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.



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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

Substances whose occupational exposure limits have to be assessed in the workplace:

Nuisance dust: dust 10 mg/m³ // Respirable dust 4 mg/m³

DNEL (Workers):

Not relevant

DNEL (General population):

Not relevant

PNEC:

Not relevant

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
Appearance: granule
Colour: Brownish.
Odour: Characteristic.
Odour threshold; Not determined
Melting point/freezing; Not available
Initial boiling point and boiling range; Not available
Flammability (solid, gas); Product is not flammable
Explosion limits Not available
Upper /lower explosive limits; Not available
Flash point; Not available
Evaporation rate; Not available
Auto ignition temperature: Not available
Decomposition temperature: 200-250 °C
pH; Not available
Density; Not available
Viscosity dynamic: Not available
Solubility in water: Forms a suspension
Partition coefficient: n-octanol/water; Not applicable
Vapour Pressure; Not applicable
Vapour density; Not applicable
Particle size Not available
Particle size distribution 2-4 mm
Particle shape Not available
Particle aspect ratio Not available
Particle aggregation state Not available
Particle agglomeration state Not available
Particle specific surface area Not available
Particle dustiness Not available

9.2. Other information

Flammability: No relevant data available
Heating may burn in temperatures exceeding 150 °C
Explosion properties: Danger of explosion in dust filled atmosphere.

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



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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

Acute toxicity:	Not classified (Based on available data, the classification criteria are not met).
Skin corrosion/irritation:	Not classified (Based on available data, the classification criteria are not met).
Serious eye damage/irritation:	Not classified (Based on available data, the classification criteria are not met).
Respiratory or skin sensitisation:	Not classified (Based on available data, the classification criteria are not met).
Germ cell mutagenicity:	Not classified (Based on available data, the classification criteria are not met).
Carcinogenicity:	Not classified (Based on available data, the classification criteria are not met).
Reproductive toxicity:	Not classified (Based on available data, the classification criteria are not met).
Specific target organ toxicity (single exposure):	Not classified (Based on available data, the classification criteria are not met)
Specific target organ toxicity (repeated exposure):	Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard:	Not classified (Based on available data, the classification criteria are not met)

11.2 Information on other hazards

Endocrine disrupting properties	Contains no substance included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.
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SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity	No relevant data available
12.2. Persistence and degradability	The product is biodegradable.
12.3. Bio accumulative potential	No relevant data available
12.4. Mobility in soil	No relevant data available
12.5. Results of PBT and vPvB assessment	No relevant data available
12.6 Endocrine disrupting properties	Contains no substance included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.
12.7 Other adverse effects	No additional information available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Code	Description	Waste class
06 10 99	wastes not otherwise specified	Non-hazardous

Type of waste:

Not relevant

Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance The Waste (England & Wales) Regulations 2011, 2011 No. 988. As under 15 01 of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-hazardous residue. Waste should not be disposed of to drains. See paragraph 6.2.

Regulations related to waste management:

In accordance with Annex II of UK REACH the provisions related to waste management are stated:
UK legislation: The Waste (England & Wales) Regulations 2011.

SECTION 14: TRANSPORT INFORMATION

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	



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Not applicable.

SECTION 15: REGULATORY INFORMATION

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

- Substances listed in UK candidate list of substances of very high concern (SVHCs): Not relevant
- Substances listed in UK REACH Authorisation List (Annex 14): Not relevant

The Control of Major Accident Hazards Regulations 2015:

Not relevant

Restrictions to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII UK REACH, etc):

Occupational exposure to respirable crystalline silica must be controlled pursuant to Directive (EU) 2019/130.

Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

Other legislation:

The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020.

The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2020.

Control of Substances Hazardous to Health Regulations 2002 (as amended)

EH40/2005 Workplace exposure limits.

The Fertilisers and Ammonium Nitrate Material (Amendment) (EU Exit) Regulations 2019.

15.2. Chemical safety assessment No chemical safety assessment has been carried out for this product.

SECTION 16: OTHER INFORMATION

Other information

This safety data sheet has been designed in accordance with ANNEX II-The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020. This Product Safety Information Sheet has been created on a voluntary basis.

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.