

SAFETY DATA SHEET

According to Regulation (EU) 2020/878
ORGANIC ALL PURPOSE PLANT FOOD (NPK 3.5 - 5 - 7.5)

Date of Issue 24/08/2023

Version No. 1.0

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

- 1.1. Product identifier** **ORGANIC ALL PURPOSE PLANT FOOD**
(NPK 3.5 - 5 - 7.5)
- 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**
GB/NI Vitax Limited, Owen Street, Coalville LE67 3DE
IRL Vitax (Ireland) Ltd, Block 3, Harcourt Centre, Harcourt Road, Dublin 2, D02 A339, Ireland
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, in NI contact your local GP and in RoI call 01 809 2166
For product advice, Tel: +44 (0)1530 510060 (Office Hours)

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**
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 to be mentioned according to the criteria of section 3.2 of REACH Annex II.

SECTION 4: FIRST AID MEASURES

- 4.1. Description of first aid measures**
- Inhalation: Remove to fresh air. Consult a doctor if unwell.
Ingestion: Wash out mouth with water. Consult a doctor.
Skin contact: Remove contaminated clothing. Wash with plenty of soap and water.
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 if irritation persists.
Protection of first-aiders: Avoid exposure. Use appropriate protection (see section 8).
- 4.2. Most important symptoms and effects, both acute and delayed**
- In case of eye contact: Irritation.
In case of skin contact: Mildly irritating in case of sensitive skin.
In case of inhalation: Irritation.
In case of swallowing: Dizziness, stomach and intestinal complaints, nausea.
- 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** None known.
- 5.3. Advice for fire-fighters** Contain fire control water for later disposal.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1. Personal precautions, protective equipment and emergency procedures**
Personal precautions: Wash hands after handling. Avoid inhalation of dust/ wear dust mask. Avoid contact with eyes.



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6.2. Environmental precautions	Prevent dispersion
6.3. Methods and material for containment and cleaning up	Sweep up carefully to avoid raising dust. Collect in containers for disposal or re-use.
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

Potassium sulphate (Soluble) (7778-80-5)

DNELs

Worker

Systemic long-term effects, dermal: 21.3 mg/kg/d

Systemic long-term effects, inhalation: 37.6 mg/m³

General Population

Systemic long-term effects, oral: 12.8 mg/kg/d

Systemic long-term effects, dermal: 12.8 mg/kg/d

Systemic long-term effects, inhalative: 11.1 mg/m³

PNECs

Water (freshwater): 0.68 mg/litre

(marine water): 0.068 mg/litre

(intermittent, fresh water) 6.8 mg/litre

Sewage treatment plants (STP) 10 mg/litre

Engineering measures: Local exhaust recommended in enclosed areas.

Occupational Exposure limit (EH40): None established.

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:	Pellet
Colour:	Brownish.
Odour:	Characteristic mild organic.
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;	Product is not explosive
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

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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	Not available
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 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	Not known

SECTION 11: TOXICOLOGICAL INFORMATION

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 The substance is not included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, and is not 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.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity	
Ecology - general	The product is not expected to be toxic to aquatic organisms but may enhance algal growth and eutrophication of water.
Hazard to the aquatic environment, short-term: (acute)	Not classified (Based on available data, the classification criteria are not met)
Hazard to the aquatic environment, long-term: (chronic)	Not classified (Based on available data, the classification criteria are not met).
Potassium Sulphate	
LC50 fishes 1	680 mg/l (96 Hours – Pimephales promelas)
EC50 Daphnia 1	720 mg/l (48 Hours - Daphnia magna)
EC50 (algae)	>100 mg/l (72 Hours – Desmodesmus subspicatus)
12.2. Persistence and degradability	The product undergoes microbial decomposition and absorption by living organisms.
12.3. Bioaccumulative potential	Partition coefficient Not known.
12.4. Mobility in soil	No data available.

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12.5. Results of PBT and vPvB assessment	This product does not contain any substances classified as PBT or vPvB.
12.6 Endocrine disrupting properties	The substance is not included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, and is not 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	
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

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	Not applicable.

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture	
EU-Regulations	Contains no REACH substances with Annex XVII restrictions Contains no substance on the REACH candidate list Contains no REACH Annex XIV substances Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals. Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.
National regulations United Kingdom:	No chemical safety assessment has been carried out for this product.
15.2. Chemical safety assessment	No relevant data available

SECTION 16: OTHER INFORMATION

Other information	A safety data sheet is not required for this product under Article 31 of REACH. 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.