



SAFETY DATA SHEET

According to Regulation (EU) 2020/878
ORCHID FEED (LIQUID)

Date of Issue: 23/09/2024

Version No. 1.0

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

1.1 Product Identifier:

ORCHID FEED (LIQUID)

1.2 Relevant 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/NI
IRL

Vitax Limited, Owen Street, Coalville LE67 3DE
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

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 Directive EC 1272/2008 Classification, Labelling and Packaging

This mixture is not classified as dangerous to humans or the environment

Primary Hazard

None.

2.2 Label Elements

Signal word

n/a

Hazard statements

n/a

Precautionary Statements

n/a

2.3 Other hazards

This substance/mixture 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.

The substance/mixture does not contain components considered to have endocrine disrupting properties according to Article 57(f) of REACH or Commission Delegated Regulation (EU) 2017/2100 or the EU Regulation Commission (EU) 2018/605 at levels of 0.1% or more.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

This mixture does not contain any 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 from source of exposure to fresh air; seek medical attention.

Skin & Eye exposure

Skin: Drench immediately with water. Remove any contaminated clothing and launder before re-use. Seek medical attention if symptoms persist or develop.

Eyes: Rinse cautiously for several minutes. Remove contact lenses, if present and easy to do, rinse with clean water for 15 minutes. Seek medical attention if symptoms arise or persist.

Ingestion

Do not induce vomiting. Wash out mouth with water and give water to drink. Obtain medical attention if symptoms persist or develop.

4.2 Most important symptoms and effects, both acute and delayed

None known.

4.3 Indication of any immediate medical attention and special treatment needed.

Information not available

SECTION 5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Use foam, carbon dioxide, dry powder, sand. The mixture is not classified as flammable as such extinguishing media should be chosen as appropriate for surrounding materials.

5.2 Special Hazards arising from the substance or mixture

Possible irritant fumes arising from combustion

5.3 Advice for fire-fighters

Cool down containers/equipment exposed to heat with a water spray. Contain spread of extinguishing fluids (these fluids may be hazardous for the environment). Wear complete protective clothing and self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES



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6.1 Personal precautions, protective equipment and emergency procedures

The following precautions are considered to be good practice when using any chemicals irrespective of their classification unless otherwise specified. Use personal protective equipment -appropriate coveralls and gloves -eye/face protection - appropriate respirator. Avoid contact with skin and eyes

6.2 Environmental Precautions

Do not allow to enter storm drains or water courses. If this product enters a water course or a sewer (including via contaminated soil & vegetation) contact local water authority and inform the Environment Agency

6.3 Methods and material for containment and cleaning up

Soak up with absorbent material such as sand and transfer to suitable container. Contact specialist waste disposal contractor.

6.4 Reference to other sections

No reference necessary

SECTION 7. HANDLING AND STORAGE

7.1 Precaution for safe handling

Avoid contact with skin and eyes. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Remove contaminated clothing and protective equipment before entering eating areas.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool dry atmosphere, in original labelled containers. Refer to manufacturer for maximum safe stacking height. Keep away from heat sources, combustible materials.

7.3 Specific end use(s)

No specific information available

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters

No additional information available

8.2 Exposure controls

Engineering controls:

Ensure good ventilation of the work station.

Personal protection equipment

Eye protection:

Safety glasses

Skin protection

Wear suitable protective clothing

Hand protection:

Protective gloves

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

Thermal hazards:

No additional information available

Environmental exposure controls:

Avoid release to the environment.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	Liquid
Colour	Clear or pale green.
Odour	odourless
Odour threshold	Not available
Melting point	Not applicable
Freezing point	Not available
Boiling point	Not available
Flammability	Not applicable
Explosion limits	Not available
Lower explosive limit (LEL)	Not available
Upper explosive limit (UEL)	Not available
Flash point	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
pH	4.5 – 5.5
Viscosity, kinematic	Not available
Solubility	soluble in water
Partition coefficient n-octanol/water (Log Kow)	Not available
Vapour pressure	Not available
Vapour pressure at 50 °C	Not available
Density	Not available
Relative density	1.02
Relative vapour density @ 20°C	Not available

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Particle size	Not applicable
Particle size distribution	Not applicable
Particle shape	Not applicable
Particle aspect ratio	Not applicable
Particle aggregation state	Not applicable
Particle agglomeration state	Not applicable
Particle specific surface area	Not applicable
Particle dustiness	Not applicable

9.2 Other Information

Explosive properties:	Non-applicable
Oxidising properties:	Non-applicable
Corrosive to metals:	Non-applicable
Heat of combustion:	Non-applicable

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity	Unknown
10.2 Chemical Stability	Stable under normal conditions
10.3 Possibility of hazardous reactions	Information not available
10.4 Conditions to avoid	Extremes of temperature
10.5 Incompatible materials	None known
10.6 Hazardous decomposition products	Possible irritant fumes

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Product

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 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.
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Potential Adverse human health effects and symptoms:	No additional information available
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SECTION 12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity

Product	Not classified as harmful to the environment.
Hazard to the aquatic environment (acute)	Not classified
Hazard to the aquatic environment (chronic)	Not classified

12.2 Persistence and degradability

Product	Information not available
12.3 Bioaccumulative potential	Information not available
12.4 Mobility in soil	Information not available

12.5 Results of PBT and vPvB:	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.
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12.6. Endocrine disrupting properties	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.
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12.7. Other adverse effects	No information available.
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SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods



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Waste treatment methods:	Dispose of contents/container in accordance with licensed collector's sorting instructions.
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SECTION 14. TRANSPORT INFORMATION

14.1 UN number:	Product is unclassified for transport
14.2 UN proper shipping name:	Product is unclassified for transport
14.3 Transport hazard:	Product is unclassified for transport
14.4 Packing group:	Product is unclassified for transport
14.5 Environmental hazards:	Product is unclassified for transport.
14.6 Special precautions for user:	Not specified
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code	Applicable for Maritime bulk transport only. Check with carrier.

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

Regulation (EU) 2019/1148 on the marketing and use of explosives precursors: Contains Potassium nitrate. Product under the provisions of Article 9. However, products that contain explosives precursors only to such a small extent and in such complex mixtures that the extraction of the explosives precursors is technically extremely difficult should be excluded from the scope of this Regulation.

National regulations UK

Control of Explosive Precursors and Poisons Regulations 2023 on the marketing and use of explosives precursors:

Contains Potassium nitrate. Product under the provisions of Article 6. However, products that contain reportable chemicals not as the main ingredient or in complex mixtures that the extraction of the explosives precursors is technically extremely difficult are not of particular interest.

15.2 Chemical Safety Assessment CSA not undertaken for this material.

SECTION 16. OTHER INFORMATION

Other information

A safety data sheet is not required for this product. This Safety Data Sheet has been created on a voluntary basis.

SDS information:

The product label provides information on the use of the product: do not use otherwise, unless you have assessed any potential hazard involved and the safety measures required. Prepared by VITAX LTD, for Health and Safety purposes from the best knowledge available at the time of printing.