

VITAX SAFETY INFORMATION SHEET

IDENTIFICATION OF PREPARATION **ORCHID GROWTH FEED**

Packaging: 1 litre PET containers.

AND COMPANY

Vitax Ltd, Owen Street, Coalville LE67 3DE Tel: 01530 510060

COMPOSITION

NPK liquid fertiliser containing 2% nitrogen, 0.6% phosphorus pentoxide, 1% potassium oxide with trace elements.

HAZARDS IDENTIFICATION

Not classified as dangerous.

FIRST AID MEASURES

Accidental over-exposure may result in the following symptoms:-

Eye Contact - pain and redness.

Skin Contact - unlikely to cause irritation.

Ingestion - based on components, product is considered to present little hazard by oral exposure.

Inhalation - unlikely to cause harmful effects under normal handling and use.

Additional medical guidance is available to doctors from the National Poisons Information Service.

Eye Contact - irrigate with water thoroughly.

Skin Contact - wash hands and exposed skin after use.

Ingestion - wash out mouth with water and seek medical advice.

Inhalation - remove to fresh air.

FIRE FIGHTING MEASURES

Non flammable

Extinguishing media: Extinguish, preferably with foam, CO₂, dry powder, water spray or water fog. Contain contaminated run-off.

Unsuitable extinguishing media: none

Exposure hazards: Under intense heat, product decomposition may release nitrogen and carbon oxides.

Special protective equipment: Wear self-contained breathing apparatus and suitable protective clothing in confined spaces.

ACCIDENTAL RELEASE MEASURES

Personal precautions: Wash hands and exposed skin after handling.

Environmental precautions: report to local water plc immediately if spillage enters drains and the Environment Agency or Scottish Environment Protection Agency if it enters surface or ground waters

Spillages: Soak up with absorbent material such as sand, transfer to suitable marked container and keep safe before disposal.

HANDLING & STORAGE

Handling: Do not block stack pallets.

Storage: Store in original containers, tightly closed in a secure, well ventilated, cool but frost-free, dry area. Store clear of foodstuffs. Make arrangements for containment of accidental spillage.

EXPOSURE CONTROLS/ PERSONAL PROTECTION

No specific personal protective equipment assigned. Normal good industrial hygiene practices should be observed.

PHYSICAL & CHEMICAL PROPERTIES

Appearance	green liquid
Odour	none
pH	4-5 - 5.5
Boiling point	not available
Melting point	N/A
Flash point	N/A
Flammability	N/A
Autoflammability	N/A

Explosivity	N/A
Oxidizing properties	N/A
Vapour pressure	N/A
Relative density	1.02
Solubility	soluble in water
Other data	none

STABILITY & REACTIVITY

Stability: Stable under normal conditions

Conditions to avoid: avoid high temperatures

Materials to avoid: oxidizing agents, strong acids and bases.

Hazardous decomposition products: Combustion or thermal decomposition will evolve carbon and nitrogen oxides and halogen compounds.

TOXICOLOGICAL INFORMATION

Not classified as harmful by inhalation, ingestion or in contact with skin. Ingestion of large quantities may cause gastric disturbance.

To the best of our knowledge physical, chemical and toxicological properties have not been fully investigated.

ECOLOGICAL INFORMATION

Provides nutrients essential to plant growth. Do not exceed recommended application rates.

DISPOSAL CONSIDERATIONS

Disposal route should not permit nitrate contamination of groundwater.

Dispose of waste through a reputable waste disposal contractor and in accordance with the Environmental Protection Act 1990.

TRANSPORT INFORMATION

Not classified as dangerous for carriage.

REGULATORY INFORMATION

Not classified as dangerous for supply.

OTHER 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.

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