

# VITAX SAFETY INFORMATION SHEETS

## IDENTIFICATION OF PREPARATION 50-50 FINE TURF FERTILISER

Packaging: 20 litre HDPE containers.

### AND COMPANY

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

### COMPOSITION

NK fertiliser solution containing 12% nitrogen, 4% potassium oxide and 0.5% magnesium oxide with 2% iron.

INGREDIENT	% w/w	CLASSIFICATION	CAS NO	EC NO
Ferrous sulphate heptahydrate	10	Xn R22	007782-63-0	231-753-5

### 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 - expected to exhibit low toxicity. May irritate gastro intestinal tract causing abdominal spasms, diarrhoea, faintness and muscular spasms.

Inhalation - irritation of respiratory tract.

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

Not flammable.

**Extinguishing media:** Extinguish with water spray or dry powder. Contain contaminated run-off.

**Exposure hazards:** In intense heat, product decomposition will release hazardous nitrogen and sulphur oxide fumes.

**Special protective equipment:** Wear self-contained breathing apparatus in confined spaces.

### ACCIDENTAL RELEASE MEASURES

**Personal precautions** Refer to exposure controls/personal protection and disposal considerations for further details.

**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 heavy duty plastic bags or drums and keep safe for 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 away from foodstuffs and herbicides.

### EXPOSURE CONTROLS/ PERSONAL PROTECTION

not

**Occupational exposure standard for iron salts (as Fe) in air: 1 g/m<sup>3</sup> (8 hr) 2 mg/m<sup>3</sup> (15 min).** Normal good hygiene standards should be observed. Do

eat, drink or smoke when handling spillage.

### PHYSICAL & CHEMICAL PROPERTIES

Appearance	brown liquid
Odour	none
pH	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	1.23
Solubility	soluble
Other data	none

**STABILITY & REACTIVITY**

**Stability:** Stable under normal conditions.  
**Conditions to avoid:** Mildly corrosive if left in contact with ferrous metal  
**Hazardous decomposition products:** Product decomposition under intense heat may release toxic nitrogen and sulphur oxide fumes.

**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. Can cause nitrate contamination of groundwaters if used indiscriminately. 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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