

VITAX SAFETY INFORMATION SHEET

IDENTIFICATION OF PREPARATION **MICROGRAN 2**

Packaging: 25 kg polyethylene sack.

AND COMPANY

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

COMPOSITION

Compound fertiliser mini-granule containing 4% nitrogen, 6% phosphorus pentoxide, 8% potassium oxide with 4% iron.

INGREDIENT	% w/w	CLASSIFICATION	CAS NO	EC NO
Ferrous sulphate heptahydrate	20	Xn R22	7782-63-0	231-753-5

HAZARDS IDENTIFICATION

Not classified as dangerous.

FIRST AID MEASURES

Accidental over-exposure may result in the following symptoms:

Eye Contact - may cause irritation to eyes.

Skin Contact - repeated and/or prolonged contact may cause irritation.

Ingestion - may cause irritation of gastro intestinal tract leading to nausea, vomiting, abdominal pain and diarrhoea.

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

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

Eye Contact - irrigate with water thoroughly and seek medical advice.

Skin Contact - wash with soap and water. Remove and wash contaminated clothing.

Ingestion - rinse out mouth with plenty of water and seek medical aid immediately.

Inhalation - remove to fresh air and seek medical aid.

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: Sweep up spills carefully to minimise dust. 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

Occupational exposure standard for iron salts (as Fe) in air: 1 g/m³ (8 hr) 2 mg/m³ (15 min). Normal good hygiene standards should be observed. Do not eat, drink or smoke when handling spillage. **Wear pvc, natural rubber or nitrile gloves (EN420 & 374), overalls, goggles (EN166) and dust mask (EN140 or 149) where dust cannot be adequately controlled by engineering measures.**

PHYSICAL & CHEMICAL

Appearance grey mini-granule

PROPERTIES

Odour	none
pH	not applicable-solid
Boiling point	decomposes under intense heat
Melting point	decomposes under intense heat
Flash point	none
Flammability	not flammable
Autoflammability	none
Explosivity	none
Oxidizing properties	none
Vapour pressure	not applicable
Relative density	0.98 g/ml (tapped)
Solubility	partially soluble
Other data	none

STABILITY & REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: avoid high temperatures

Hazardous decomposition products: Product decomposition under intense heat may release toxic nitrogen and sulphur oxide fumes.

TOXICOLOGICAL INFORMATION

Based on product components, ingestion of large quantities may cause abdominal pain, nausea, vomiting and diarrhoea.

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

ECOLOGICAL INFORMATION

Based on components product is unlikely to be hazardous to aquatic life. Product contains nutrients essential to plant growth. Do not exceed recommended application rates.

DISPOSAL CONSIDERATIONS

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

TRANSPORT INFORMATION

Not classified as dangerous for carriage.

REGULATORY INFORMATION

Not classified as dangerous for supply.

**Occupational Exposure Standard of iron salts (as Fe) in air: 1 mg/m³ (8 hr)
2 mg/m³ (15 min).**

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.

**Revision April 2003
replaces January 1995**