

# VITAX SAFETY INFORMATION SHEET

## IDENTIFICATION OF PREPARATION **MICROBIAL K**

Packaging: 25 kg polyethylene sack.

### AND COMPANY

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

### COMPOSITION

Compound fertiliser powder containing 8% nitrogen, 6% potassium oxide and 0.5% magnesium with 1% iron. Contains humates and organic nutrients of animal origin.

INGREDIENT	% w/w	CLASSIFICATION	CAS NO	EC NO
Ferrous sulphate heptahydrate	5	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 - dusty/gritty material expected to 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 - high concentration of dust may be irritating to trachea and lungs.

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. In intense heat, product decomposition will release hazardous nitrogen and sulphur oxide fumes. Wear self-contained breathing apparatus in confined spaces. Extinguish with water spray or dry powder. Contain contaminated run-off.

### ACCIDENTAL RELEASE MEASURES

Sweep up spills carefully to minimise dust. Transfer to heavy duty plastic bags or drums and keep safe for disposal. Refer to exposure controls/personal protection and disposal considerations for further details.

### HANDLING & STORAGE

Store in original containers, tightly closed in a secure, well ventilated, cool but frost-free, dry area away from foodstuffs and herbicides. Do not block stack pallets.

### EXPOSURE CONTROLS/ PERSONAL PROTECTION

Occupational exposure standards have been established for nuisance dusts. Normal good hygiene standards should be observed. Do not eat, drink or smoke when handling spillage. Wear gloves, overalls, goggles and dust mask where dust cannot be adequately controlled by engineering measures.

### PHYSICAL & CHEMICAL PROPERTIES

Appearance	buff coloured powder with brown & white particles
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	not available

Solubility contains 30% water insoluble matter  
Other data none

**STABILITY & REACTIVITY**

Product decomposition under intense heat may release toxic nitrogen and sulphur fumes. Stable under normal conditions. Avoid high temperatures.

**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**

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.

**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.

**October 2001**