

VITAX SAFETY INFORMATION SHEET

IDENTIFICATION OF PREPARATION **SULPHATE OF POTASH**

Packaging: 1.25 & 2.5 kg cardboard carton & 25 kg polyethylene sacks.

AND COMPANY

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

COMPOSITION

Soluble powder containing:

INGREDIENT	% w/w	CLASSIFICATION	CAS NO	EC NO
potassium sulphate	95		7778-80-5	

HAZARD IDENTIFICATION

Considered to present very little hazard under normal conditions of handling and use.

FIRST AID MEASURES

Accidental over exposure may result in the following symptoms:-

Eye Contact - may irritate eyes.

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

Ingestion - may be harmful if swallowed in quantity causing gastro intestinal disturbances.

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. Seek medical advice, if discomfort persists.

Skin Contact - wash with soap and water.

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

Inhalation - remove to fresh air.

FIRE FIGHTING MEASURES

Not flammable. In intense heat, product decomposition will release hazardous ammonia 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 consideration for further details.

HANDLING & STORAGE

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

EXPOSURE CONTROLS/ PERSONAL PROTECTION

Occupational exposure standards: for potassium sulphate - none assigned: for nuisance dusts, total inhalable 10 mg/m³ (8 hr) respirable 5 mg/m³ (8hr). Normal good hygiene standards should be observed.

PHYSICAL & CHEMICAL PROPERTIES

Appearance	off white crystal like powder
Odour	none
pH (5% solution)	5.5-8.5
Boiling point	not available
Melting point	not available
Flash point	none
Flammability	not flammable
Autoflammability	none
Explosivity	none
Oxidizing properties	none
Vapour pressure	not available
Relative density	not available
Solubility	soluble in water

Other data none

STABILITY & REACTIVITY

Stable under normal conditions. Reacts violently with aluminium powder at high temperatures. Solutions may corrode aluminium or iron vessels on prolonged contact.

TOXICOLOGICAL INFORMATION

LD50 acute oral rat 6600 mg/kg.

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

ECOLOGICAL INFORMATION

Potassium sulphate is used as a fertiliser at rates of 700 kg/ha.

DISPOSAL CONSIDERATIONS

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

TRANSPORT INFORMATION

Not classified as hazardous 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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