

VITAX SAFETY INFORMATION SHEET

Date of Issue: February 2004

Revision: June 2009

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

Name of Product: SULPHATE OF POTASH

Use of the Substance/Preparation: Soluble fertiliser

Manufacturer/Distributor: Vitax Limited
Owen Street
Coalville
LE67 3DE Tel: 01530 510060 Fax: 01530 510299 Email: tech@vitax.co.uk

Emergency Contact: Tel: 01530 510060 (Office Hours)

2. HAZARDS IDENTIFICATION

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

Formulation Type:	Soluble powder containing:				
	INGREDIENT	% w/w	CLASSIFICATION	CAS NO	EC NO
	potassium sulphate	95		7778-80-5	

4. FIRST AID MEASURES

Skin Contact: Accidental over exposure may result in the following symptoms:
repeated and/or prolonged contact may cause irritation.

Eye Contact: may irritate eyes.

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 and 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.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Not flammable
Extinguish with water spray or dry powder. Contain contaminated run-off.

Additional Information: In intense heat, product decomposition will release hazardous ammonia and sulphur oxide fumes.

Special Protective Equipment: Wear self-contained breathing apparatus in confined spaces.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Refer to exposure controls/personal protection and disposal consideration for further details.

VITAX SAFETY INFORMATION SHEET

Date of Issue: February 2004

Revision: June 2009

Environmental precautions:**Spillages:**

Sweep up spills carefully to minimise dust. Transfer to heavy duty plastic bags or drums and keep safe for disposal.

7. 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 herbicides.

**8. EXPOSURE CONTROLS/
PERSONAL PROTECTION**

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

**9. PHYSICAL & CHEMICAL
PROPERTIES**

Appearance	off white crystal like powder
Odour	none
pH	5.5-8.5
Boiling point	not available
Melting point	not available
Flash point	none
Flammability	not flammable
Autoflammability	none
Explosivity	none
Oxidising properties	none
Vapour Pressure	not available
Relative density	not available
Solubility	soluble in water
Other data	none

10. STABILITY & REACTIVITY**Stability:**

Stable under normal conditions.

Conditions to Avoid:

Avoid high temperatures.

Materials to Avoid:

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

Hazardous Decomposition Products:

11. TOXICOLOGICAL

LD50 acute oral rat 6600 mg/kg.

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

12. ECOLOGICAL INFORMATION

Ammonium sulphate is used at rates up to 700 kg/ha.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

Not classified as hazardous for carriage.

VITAX SAFETY INFORMATION SHEET

Date of Issue: February 2004

Revision: June 2009

15. REGULATORY INFORMATION Not classified as dangerous for supply.

16. 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.

The classification of this preparation was carried out in accordance with directive 1999/45/EC and subsequent amendments modified by directive 2006/08/EC, taking account the directive 67/548/EC (Dangerous substances) modified by directive 2004/73/EC and Regulation (EC) 1907/2006 (REACH).