

# VITAX SAFETY INFORMATION SHEET

## IDENTIFICATION OF PREPARATION **TANK MIXING AGENT**

Packaging: 1.2 kg HDPE containers.

### AND COMPANY

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

### COMPOSITION

Anhydrous citric acid (CAS No 77-92-9)

### HAZARDS IDENTIFICATION

Not classified as dangerous.

### FIRST AID MEASURES

Accidental over exposure may result in the following symptoms:-

Eye contact - irritation.

Skin Contact - may irritate broken skin. Ingestion - not intended for human consumption but considered to be non-toxic.

Inhalation - irritation of respiratory tract.

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

Eye Contact - rinse immediately with plenty of water and seek medical advice.

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. Keep containers cool with water spray. Extinguish preferably with foam, dry powder or water spray.

Contain contaminated run-off.

### ACCIDENTAL RELEASE MEASURES

Wear suitable protective clothing eg gloves, dust mask, faceshield. Sweep up spillages. Neutralise with lime or sodium carbonate (Soda Ash). Wash down area with water.

### HANDLING & STORAGE

Store in original containers, tightly closed in a secure, well ventilated, cool but frost-free, dry area.

### EXPOSURE CONTROLS/ PERSONAL PROTECTION

No specific personal protective equipment assigned. Normal good industrial hygiene practices should be observed. Avoid contact with skin and eyes.

### PHYSICAL & CHEMICAL PROPERTIES

Appearance	white crystalline powder
Odour	none
pH	3
Boiling point	not available
Melting point	153 deg C
Flash point	N/A
Flammability	N/A
Autoflammability	N/A
Explosivity	N/A
Oxidizing properties	N/A
Vapour pressure	N/A
Relative density	N/A
Solubility	162 g/l water
Other data	none

### STABILITY & REACTIVITY

Stable under normal conditions. Reacts with alkalis to form salts.

### TOXICOLOGICAL INFORMATION

Not classified as harmful by inhalation, ingestion or in contact with skin.

Acute oral LD50 (Mouse) 5040 mg/kg

Acute oral LD50 (Rat) 11700 mg/kg

Citric acid occurs naturally in citrus fruits.

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

**ECOLOGICAL INFORMATION**

Biodegradable.

**DISPOSAL CONSIDERATIONS**

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.  
Occupational exposure standards for nuisance dusts, total inhalable 10 mg/m<sup>3</sup> (8 hr), total respirable 5 mg/m<sup>3</sup> (8 hr).

**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.

**September 1997**