

# VITAX SAFETY INFORMATION SHEET

## IDENTIFICATION OF PREPARATION **DERRIS DUST**

Packaging: 225 g **HDPE** "puffer" packs.

### AND COMPANY

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

### COMPOSITION

Dustable powder containing derris (0.5%).

INGREDIENT	% w/w	CLASSIFICATION	CAS NO	EC NO
rotenone	0.5	T N R25, 36/37/38, 50/53	83-79-4	
ground derris root	5-6	-	-	
talc	to 100	Not classified	14807-96-6	

### HAZARDS IDENTIFICATION

**Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.**

### FIRST AID MEASURES

Derris Dust is considered to be of very low toxicity. No symptoms expected. Additional medical guidance is available to doctors from the National Poisons Information Service.

Eye Contact - irrigate with water thoroughly.

Skin Contact - wash with soap and water.

Ingestion - wash out mouth with water. Obtain medical advice.

Inhalation - remove to fresh air. If unwell, obtain medical aid.

### FIRE FIGHTING MEASURES

Non flammable

**Extinguishing media:** Extinguish, preferably with foam, CO<sub>2</sub>, dry powder, water spray or water fog. Contain contaminated run-off.

**Unsuitable extinguishing media: none**

**Exposure hazards:** Under intense heat, product decomposition may release nitrogen and carbon oxides.

**Special protective equipment:** Wear self-contained breathing apparatus and suitable protective clothing in confined spaces.

### ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Wash hands and exposed skin after handling.

**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. When dealing with spillage do not eat, drink or smoke. Do not breathe dust.

### 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. Store clear of foodstuffs and herbicides. Make arrangements for containment of accidental spillage.

### EXPOSURE CONTROLS/ PERSONAL PROTECTION

Occupational exposure standards (EH40) have been established for talc and for rotenone in air. See regulatory information for details.

No specific personal protective equipment assigned. Normal good hygiene standards should be observed.

### PHYSICAL & CHEMICAL PROPERTIES

Appearance	buff coloured powder
Odour	none
pH	N/A
Boiling point	N/A
Melting point	N/A
Flash point	not combustible

Flammability	not combustible
Autoflammability	not combustible
Explosivity	none
Oxidizing properties	none
Vapour pressure	not available
Relative density	not available
Solubility	insoluble in water
Other data	none

**STABILITY & REACTIVITY**

Stable under normal storage conditions. Decomposes on exposure to light and air. Racemised by alkalis to less insecticidal compounds.

**TOXICOLOGICAL INFORMATION**

Based on calculation  
LD50 acute oral rat > 2000 mg/kg

**ECOLOGICAL INFORMATION**

Dangerous to fish, LC50 (96 hr) for rotenone: rainbow trout 31 µg/l, bluegill sunfish 23 µg/l.

**DISPOSAL CONSIDERATIONS**

Dispose of waste through a reputable waste disposal contractor.

**TRANSPORT INFORMATION**

Not classified as dangerous for carriage.

**REGULATORY INFORMATION**

**Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.**

This material and its container must be disposed of in a safe way  
Occupational Exposure Standard in air: for rotenone 5 mg/m<sup>3</sup> (8 hr) 10 mg/m<sup>3</sup> (15 mins). For talc: total inhalable 10 mg/m<sup>3</sup> (8 hr) respirable 1 mg/m<sup>3</sup> (8 hr).

**OTHER INFORMATION**

The product label provides information on a specific pesticidal use of the product: do not use otherwise, unless you have assessed any potential hazard involved, the safety measures required and that the particular use is permitted under the Control of Pesticides Regulations.

The information contained in this sheet is based on the best available information, including data from test results.

**Revision February 2004  
replaces October 1998**