

VITAX SAFETY INFORMATION SHEET

IDENTIFICATION OF PREPARATION **NIPPON READY TO USE ANT & CRAWLING INSECT KILLER SPRAY**

Packaging: 750 ml "trigger spray" packs.

AND COMPANY	Vitax Ltd, Owen Street, Coalville LE67 3DE Tel:01530510060	
COMPOSITION	Dilute emulsion containing 0.0153% w/w deltamethrin.	
HAZARDS IDENTIFICATION	Not classified as hazardous. Toxic to fish and other aquatic life.	
FIRST AID MEASURES	Accidental over-exposure may result in the following symptoms:- Eye Contact – possible slight transient irritation. Skin Contact - prolonged or repeated exposure may cause slight irritation. Ingestion - very low toxicity – may cause irritation of mouth, throat and digestive tract. Ingestion of large quantities may result in dizziness, drowsiness, headache, diarrhoea, nausea and vomiting. Inhalation - inhalation may lead to irritation of nose, throat and respiratory tract. Additional medical guidance is available to doctors from the National Poisons Information Service. Eye Contact - rinse with water thoroughly. If irritation persists seek medical advice. Skin Contact - wash with soap and water. Remove and wash contaminated clothing. Ingestion - wash out mouth with water and seek medical advice. Do not induce vomiting. Inhalation - remove to fresh air. If unwell seek medical advice.	
FIRE FIGHTING MEASURES	Non Flammable. Fire-fighters should wear self contained breathing apparatus in confined spaces. Extinguish, preferably with foam, dry powder or water spray. Contain contaminated run-off.	
ACCIDENTAL RELEASE MEASURES	Do not breathe vapour. Do not eat, drink or smoke. Soak up with absorbent material such as sand and transfer to heavy duty plastic bags or drums and keep safe before disposal. Report to local water plc immediately if spillage enters drains and Environment Agency or Scottish Environment Protection Agency if it enters surface or ground waters.	
HANDLING & STORAGE	Store in secure, well ventilated, cool but frost-free, dry area. Store clear of foodstuffs and separate from herbicides. Make arrangements for containment of accidental spillage. Do not block stack pallets.	
EXPOSURE CONTROLS/ PERSONAL PROTECTION	Occupational exposure standards: none established (EH40). No specific personal protective equipment assigned. Normal good hygiene standards should be observed.	
PHYSICAL & CHEMICAL PROPERTIES	Appearance	cloudy white liquid
	Odour	none
	pH	N/A
	Boiling point	N/A
	Melting point	N/A
	Flammability	non flammable
	Flammability limits (% v/v)	N/A
	Autoflammability	N/A
	Explosivity	N/A

Oxidizing properties	N/A
Vapour pressure	N/A
Relative density	1.00
Solubility	miscible in water
Other data	none

STABILITY & REACTIVITY

Stable under ambient conditions.

TOXICOLOGICAL INFORMATION

Acute toxicity LD50 oral rat >5000 mg/kg
LD50 dermal rat >4000 mg/kg

Carcinogenicity: Data given for active ingredient. No carcinogenic effects in rats or mice. Inadequate evidence of carcinogenic effects in humans and experimental animals.

Genotoxicity: Data given for active ingredient: no mutagenic effects.

Reproductive toxicity: Data given for active ingredient: no teratogenic effects.

ECOLOGICAL INFORMATION

Mobility: Data given in this section are for the active ingredient:

Strongly adsorbed by soil colloids with no risk of leaching.

Persistence/Degradability: Data given in this section are for the active ingredient:

Soil DT50 1 to 2 weeks (undergoes microbial degradation). Water DT50

5 days (pH 9.0). Photolysis DT50 9 days.

Bio-accumulation: Data given in this section are for the active ingredient:

Koc = 460000 to 1630000. Kd = 3790 to 30000.

Aquatic Toxicity: Data given in this section are for the active ingredient:

96 hr LC50 rainbow trout 0.91 microgram/l bluegill sunfish 1.4 microgram /l 48 hr

EC50 daphnia 3.5 microgram/l 72 hr EbC50 algae >9.1 mg/l (under laboratory conditions).

Other Toxicity: Data given in this section are for the active ingredient:

Acute oral LD50 duck >5000 mg/kg, quail >10000 mg/kg. Bees acute LD50

50 ng/bee earthworms LC50 (14 days) 28.57 mg/kg soil.

DISPOSAL CONSIDERATIONS

Dispose of waste through a reputable waste disposal contractor or contact local authority in accordance with 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 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.

October 1999