

# VITAX SAFETY INFORMATION SHEET

Date of Issue: February 2004

Revision: June 2009

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

**Name of Product:** NIPPON ANT BAIT STATION 2

**Use of the Substance/Preparation:** ant killer

**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)

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## 2. HAZARDS IDENTIFICATION

**Classification:** Harmful to aquatic organisms. May cause long terms adverse effects in the aquatic environment.

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## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Formulation Type:** Ready to use bait for control of common black ants in and around the home.

INGREDIENT	% w/w	CLASSIFICATION	CAS NO	EC NO
Spinosad	0.081	N R50/53	168316-95-8	434-300-1

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## 4. FIRST AID MEASURES

**Skin Contact:** Accidental over-exposure may result in the following symptoms:  
No harmful effects anticipated from dermal exposure to intact skin. Wash with soap and water.

**Eye Contact:** Possible irritation. Rinse with water thoroughly. If irritation persists seek medical advice.

**Ingestion:** Low toxicity. Wash out mouth with water and seek medical advice.

**Inhalation:** Not a likely route of exposure.

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## 5. FIRE FIGHTING MEASURES

**Extinguishing Media:** Not flammable. Unlikely to pose significant hazard in fire. Extinguish, preferably with foam, CO<sub>2</sub>, dry powder, water spray or water fog. Contain contaminated run-off.

**Additional Information:** Under intense heat, product decomposition may release carbon oxides.

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

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## 6. ACCIDENTAL RELEASE MEASURES

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

**Environmental precautions:** Avoid product entering drains and surface waters.

**Spillages:** Soak up with absorbent material such as sand, transfer to suitable marked container and keep safe before disposal.

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## 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. Store clear of foodstuffs. Make arrangements for containment of accidental spillage. Do not block stank pallets.

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## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Occupational exposure standards: none. No specific personal protective equipment assigned. Normal good hygiene standards should be observed.

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## 9. PHYSICAL & CHEMICAL PROPERTIES

Appearance	amber liquid
Odour	honey like odour
pH	7.5
Boiling point	not available
Melting point	not available
Flammability	non flammable
Flammability limits (% v/v)	N/A
Autoflammability	N/A
Explosivity	N/A
Oxidising properties	N/A
Vapour Pressure	N/A
Relative density	1.29
Solubility	soluble in water
Other data	none

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## 10. STABILITY & REACTIVITY

**Stability:** Stable under normal conditions  
**Conditions to Avoid:** Avoid high temperatures.  
**Materials to Avoid:** Oxidizing agents, strong acids and bases.  
**Hazardous Decomposition Products:** Combustion or thermal decomposition will evolve carbon oxides.

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## 11. TOXICOLOGICAL INFORMATION

LD50/Dermal/Rabbit > 5000 mg/kg

For pure spinosad:  
LD50/Oral/Rat > 2000 mg/kg

In animals, spinosad has been shown to cause vacuolation of cells in various tissues at dose levels many times higher than those expected from exposure due to use. Spinosad is of extremely low oral toxicity and is essentially non-irritating to skin and may cause only transient irritation to the eye.  
Carcinogenicity: spinosad is non-carcinogenic  
Teratology: negative  
Reproductive effects: no effects seen except at doses producing significant toxicity to parent animal.

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## 12. ECOLOGICAL INFORMATION

Do not contaminate surface waters or ditches with chemical or used container.

Ecotoxicity: spinosad has high toxicity to aquatic organisms  
LC50/96hr/Daphnia >1 mg/kg  
LC50/96hr/Cyprinus carpio 4.5mg/l  
LC50/96hr/Navicula 0.079 mg/l

Mobility: fairly mobile but rapidly degraded in aerobic soils

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Persistence and degradability: rapidly degraded in aerobic soils (DT50 of spinosad in the range of <0.5 to 6 days)

Bioaccumulation: spinosad is not considered bioaccumulative

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**13. DISPOSAL CONSIDERATIONS** Do not contaminate surface water or drains with chemicals or used container. Product and its container can be disposed of at a suitable local authority waste site. Do not re-use empty containers. Empty containers can be disposed of in normal domestic waste.

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**14. TRANSPORT INFORMATION** Not classified as dangerous for transport

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**15. REGULATORY INFORMATION** 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 (29<sup>th</sup> ATP) and Regulation (EC) 1907/2006 (REACH).

Classification: R52-53

Warning symbols: None

Risk phrases: R52-53: Harmful to aquatic organisms. May cause long term adverse effects in the aquatic environment.

Safety phrases: S2 Keep out of reach of children

S13 Store away from food, drink and animal feeding stuff.

S20/21 When using do not eat, drink or smoke

S49 Keep in original container

Occupational exposure standard: none

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**16. OTHER INFORMATION** This 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 and that the particular use is permitted under relevant legislation.

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

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).