

# VITAX SAFETY INFORMATION SHEET

Date of Issue: 09/06/09

Revision: 09/06/09

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

**Name of Product:** NIPPON ANT KILLER LIQUID 2

**Use of the Substance/Preparation:** Ready to use bait for control of common black ants in and around the home.

**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:** RB (Bait ready for use)

<b>Hazardous Ingredients:</b>	<b>INGREDIENT</b>	<b>% w/w</b>	<b>CLASSIFICATION</b>	<b>CAS NO</b>	<b>EC NO</b>
	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 at 20°C
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

**Acute Toxicity:** For pure Spinosad:  
LD50/Oral/Rat > 2000 mg/kg  
LD50/Dermal/Rabbit > 5000 mg/kg  
Spinosad has extremely low oral and dermal toxicity

**Skin Irritancy:** Not irritating.

**Eye Irritancy:** May cause only transient irritation to the eye.

**Skin sensitisation:** Not sensitising

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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
- 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.