

VITAX SAFETY INFORMATION SHEET

Date of Issue: February 2004

Revision: June 2009

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

Name of Product: NIPPON FLY KILLER SPRAY

Use of the Substance/Preparation: fly 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)

2. HAZARDS IDENTIFICATION

Classification: Extremely flammable. Aerosol canister likely to burst in temperatures above 60 deg C. Concentrating and inhaling vapour can be harmful or fatal. **Contains permethrin. May cause allergic reaction. Very toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.**

3. COMPOSITION/INFORMATION ON INGREDIENTS

Formulation Type: Aerosol containing butane propellant.

| INGREDIENT | % w/w | CLASSIFICATION | CAS NO | EC NO |
|--------------------|-------|-------------------------|-------------|-----------|
| Permethrin | 0.03 | Xn N; R20/22, 43, 50/53 | 52645-53-1 | 258-067-9 |
| Tetramethrin | 0.15 | Xn R22 | 7696-12-0 | 265-149-8 |
| Odourless kerosene | 7.5 | Xn R65 | 064742-47-8 | 265-149-8 |

4. FIRST AID MEASURES

Skin Contact: Accidental over exposure may result in the following symptoms:
Prolonged exposure may lead to degreasing and subsequent irritation.

Eye Contact: Possible irritation.

Ingestion: Unlikely to be a significant route of exposure.

Inhalation: High concentration of vapour may cause drowsiness, dizziness, nausea. Intentional misuse by deliberately inhaling the contents can be harmful or fatal.

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.
Inhalation – remove to fresh air. If unwell seek medical aid.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Extremely flammable.
Extinguish, preferably with foam, CO₂, dry powder, water spray or water fog.
Contain contaminated run-off.

Additional Information: Under intense heat, product decomposition may release hazardous nitrogen and carbon oxides. Aerosol canister liable to burst in temperatures above 60 deg C.

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: Do not eat, drink or smoke. 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. Keep away from sources of ignition. Ensure adequate ventilation.
Spillages: Soak up with absorbent material such as sand, transfer to suitable marked container and keep safe before disposal.

7. HANDLING & STORAGE

Handling: Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50 deg C. Do not pierce or burn after use. Do not block stack pallets.
Storage: Store in original containers, tightly closed in a secure, well ventilated, cool but frost-free, dry area. Make arrangements for containment of accidental spillage. Keep away from sources of ignition – no smoking. Keep out of reach of children.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Occupational exposure standards have been established (EH40) for butane, see regulatory information for details. No specific personal protective equipment assigned. Normal good hygiene standards should be observed.

9. PHYSICAL & CHEMICAL PROPERTIES

| | |
|----------------------------|--------------------------|
| Appearance | cloudy colourless spray |
| Odour | solvent odour |
| pH | 6-8 |
| Boiling point | N/A |
| Melting point | N/A |
| Flammability | extremely flammable |
| Flammability limits (% vv) | 0.9 – 8.0 (for Kerosene) |
| Autoflammability | N/A |
| Explosivity | N/A |
| Oxidising properties | N/A |
| Vapour Pressure | N/A |
| Relative density | N/A |
| Solubility | N/A |
| Other data | none |

10. STABILITY & REACTIVITY

Stability: Stable under normal conditions
Conditions to Avoid: **Avoid high temperatures.** Aerosols liable to burst at temperatures of 60 deg C.
Materials to Avoid: **Oxidizing agents, strong acids and bases.**
Hazardous Decomposition Products: Combustion or thermal decomposition will evolve carbon and nitrogen oxides and halogen compounds.

11. TOXICOLOGICAL INFORMATION

Concentrating and inhaling vapour can be harmful or fatal. Symptoms may include drowsiness, dizziness and nausea.

12. ECOLOGICAL INFORMATION

Very toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment. Permethrin and tetramethrin exhibit good photo and thermostability, but break down relatively rapidly in moist soils or under alkaline conditions and do not bioaccumulate. Contains volatile organic compounds.

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- 13. DISPOSAL CONSIDERATIONS** Dispose of waste through a reputable waste disposal contractor or contact local authority. Do not pierce or burn even after use.
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- 14. TRANSPORT INFORMATION** **Aerosols, flammable**
UN No 1950 AEROSOLS
LQ2 Dangerous Goods in Limited Quantities
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- 15. REGULATORY INFORMATION** Approved under and labelled in accordance with the Control of Pesticides Regulations. **Labelling under the Chemicals (Hazard Information and Packaging for Supply) Regulations:**
R12 Extremely flammable
R50/53 Very toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.
S2 Keep out of reach of children
S16 Keep away from sources of ignition – no smoking
S23 Do not breathe spray
S35 This material and its container must be disposed of in a safe way.
Do not spray in a naked flame or any incandescent material.
Occupational exposure standards (EH40) in air: for butane 600 ppm 1430 mg/m³ (8 hr) 750 ppm 1780 mg/m³ (10 min). OES recommended for solvent 200 ppm.
Contains permethrin. May cause an allergic reaction.
- The (COSHH) Control of Substances Hazardous to Health Regulations may apply to the use of this product at work.
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- 16. OTHER INFORMATION** The liquid petroleum gas fraction contains less than 0.1% w/w butadiene.
- This 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.
- 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).