

SAFETY DATA SHEET

KIWICARE®

Product Name: *No Ants Ant Sand*

Print/View Date: 29/11/2022

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1. PRODUCT AND COMPANY INFORMATION

| | |
|-------------------------------|--|
| Chemical/Product Name: | No Ants Ant Sand |
| Recommended uses: | Pesticide |
| Restrictions on Use/Supply: | Do not use into or onto water |
| Molecular Formula: | Mixture |
| Supplier: | Kiwicare Corporation Limited |
| Street Address: | 225 Maces Road, Bromley, Christchurch, 8062 New Zealand |
| Postal Address: | P.O Box 15050, Aranui, Christchurch, 8643 New Zealand |
| Telephone | +64 3 389 0778 |
| Email: | info@kiwicare.co.nz |
| Website: | www.kiwicare.co.nz |

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2. HAZARDS IDENTIFICATION

| GHS Hazard Classification | Transport of Dangerous Goods Pictogram | GHS Pictogram | Signal word | Hazard statement code | Precautionary statement codes | | | |
|---------------------------|--|---------------|-------------|-----------------------|-------------------------------|----------|-----------------------|----------|
| | | | | | Prevention | Response | Storage | Disposal |
| Aquatic Acute 1 | | | Warning | H400 | P103 P273 | P391 | No storage statements | P501 |
| Aquatic Chronic 1 | | | Warning | H410 | P103 P273 | P391 | No storage statements | P501 |

Signal word:

WARNING

Dangerous Goods:

Dangerous Goods (Class 9)

Packaging Group:

III

Hazardous Substance (GHS) Codes:

Aquatic Acute Cat. 1

Aquatic Chronic Cat. 1

Pictograms:



Hazard Statement:

H400: Very toxic to aquatic life

H410: Very toxic to aquatic life with long lasting effects.

Hazardous to terrestrial vertebrates.

Hazardous to terrestrial invertebrates.

Precautionary Statements:

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P103: Read label before use.

P273: Avoid release to the environment.

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P391: Collect spillage.

P501: Rinse container and dispose to landfill or recycling where allowed. Any appropriate and achievable methods for the disposal of a substance in accordance with the Hazardous Substances (Disposal) Notice 2017. Do NOT burn.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Appearance: Beige free flowing granules.

Ingredients

| Ingredients | CAS # | Content % |
|---|--------------|-----------|
| Bifenthrin | 82657-04-3 | 0.1-0.2% |
| Silicon dioxide | 61790-53-2 | >50% |
| Non specified non-hazardous ingredients | NA (Mixture) | to 100 % |

4. FIRST AID MEASURES

| | |
|-----------------------------|---|
| General information: | In case of accident, or if you feel unwell, seek medical advice (show the label where possible). |
| Ingestion: | Drink one or two glasses of milk or water. If you feel unwell seek medical advice and have the product label at hand. |
| Eye Contact: | Unlikely to cause eye irritation. Rinse opened eye for several minutes under running water. If irritation develops, seek medical advice, and have the product label at hand. |
| Skin Contact: | Unlikely to cause skin irritation. Rinse skin with copious amounts of water and wash with soap and water. If skin irritation develops, seek medical advice, and have the product label at hand. |
| Inhalation: | Unlikely to present an inhalation hazard. If breathing problems develop, seek medical advice, and have product label at hand. |
| Advice for Medical Doctors: | Treat symptomatically |

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5. FIRE FIGHTING MEASURES

| | |
|-----------------------------------|--|
| HAZCHEM code: | Not applicable |
| Specific Hazards: | None. Minimise the use of water to prevent environmental contamination. |
| Suitable Extinguishing Media: | Use extinguishing media appropriate to the surrounding conditions. |
| Fire Fighting Advice: | The product is sand hence unlikely to be flammable. In case of fire use appropriate safety measures. |
| Hazardous Products of Combustion: | None. |

6. ACCIDENTAL RELEASE MEASURES

| | |
|---------------------------------|---|
| Environmental precautions: | Prevent leakage or spillage if safe to do so. |
| Minor Spills (Up to 20 kg): | Environmentally hazardous substance. Contain spill and collect in suitable sealable container. Do not allow the product or washings to enter waterways. |
| Major Spills (more than 20 kg): | Minimise spread. Contain spill and collect. Do not allow product or washings to enter the waterways or sewer. If spill does enter waterway contact local authority. Collect in an appropriate sealable container for disposal in an approved landfill. |

7. HANDLING AND STORAGE

| | |
|--|---|
| Precautions for safe handling: | Avoid prolonged or repeated contact with skin and eye. Avoid inhaling dust. When handling product in bulk, safety footwear should be worn, and proper handling equipment should be used. Always use good personal hygiene procedures when handling this product. Wash hands and face before eating, drinking, or smoking. Clean equipment after use. Do not contaminate drains, sewers, or waterways. |
| Conditions for safe Storage including incompatibilities: | Keep out of the reach of children. Store in original container in a cool, dry, ventilated place, away from direct heat of sunlight. Store away from foodstuffs, |

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children, and animals. Do not allow product to get wet in storage.

Minimum shelf life: 2 years.

Protection against fire and explosion: Keep away from heat sources although the product has no flammability. The product is not explosive. Keep away from oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

| | |
|--------------------------------------|---|
| Exposure Standards: | See 'Exposure Standards' below (Workplace Exposure Standards and Biological Exposure April 2022, Edition 13) |
| Engineering Controls: | No special requirements when used as recommended. |
| Hand protection: | If repeated or prolonged contact wear chemical resistant gloves. |
| Eye protection: | If there is significant potential for contact, wear safety goggles. |
| Body protection: | Skin protection not ordinarily required beyond standard issue work clothes. |
| Respiratory Protection: | Use a disposable mask to avoid inhalation of dust. |
| General safety and hygiene measures: | Handle in accordance with good hygiene and safety practice. Wearing of closed work clothing is recommended. Minimise contact with the skin, eyes, and clothing. |
| Environmental Exposure Controls: | Minimise release to the environment. |

Exposure Standards:

| Substance | Cas # | TWA | | STEL | |
|------------------|------------|-----|-------------------|------|-------------------|
| | | ppm | mg/m ³ | ppm | mg/m ³ |
| Silica-Amorphous | 61790-53-2 | | 10 | | |

Additional NZ EPA controls:

| Code | Section of HSNO Act | Control |
|------------------------------|---------------------|--|
| Environmental Exposure Limit | 77A | An EELwater has been set for bifenthrin. The EEL value is 0.05ng/L |

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9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|----------------------------|-------------------------------------|
| Appearance: | Beige free flowing sand |
| Odour: | No odour |
| Odour Threshold: | Not applicable |
| pH Value: | Not applicable |
| Melting/freezing point: | No data (Bifenthrin: 69°C) |
| Boiling point (range): | No data (SiO ₂ : 2230°C) |
| Flash Point: | Will not flash |
| Flammability: | Not applicable |
| Explosive limits: | Not applicable |
| Vapour pressure: | No data |
| Vapour density: | No data |
| Relative density: | No data (2.65 - 2.67) |
| Solubility: | Not soluble |
| Partition coefficient: | No data |
| Auto-ignition temperature: | Not applicable |
| Decomposition temperature: | No data |
| Viscosity: | Not applicable |

10. STABILITY AND REACTIVITY

| | |
|--|--|
| Stability & Chemical reactivity: | Stable under normal conditions of use. Not explosive or oxidising. |
| Incompatibility or conditions to be avoid: | No incompatibility conditions. |
| Corrosive Properties: | Not corrosive to metals. |
| Thermal Decomposition: | Hazardous products of combustion; see section 5 for details. |

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11. TOXICOLOGICAL INFORMATION

| | |
|--|--|
| Hazard Class: | Not toxic to mammals |
| Acute Toxicity: | No data available |
| Aspiration hazard: | Unlikely to cause an aspiration hazard |
| Skin corrosion/irritation: | Unlikely to cause skin corrosion or irritation |
| Serious eye damage/irritation: | Unlikely to cause eye damage or irritation |
| Respiratory or skin sensitisation: | Unlikely to cause skin sensitisation and/or contact dermatitis |
| Germ cell mutagenicity: | No data available |
| Carcinogenicity: | IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by IARC. |
| Reproductive toxicity: | This product is not expected to cause reproductive or developmental effects. |
| Specific organ toxicity – single exposure: | Not applicable |
| Specific organ toxicity – repeated exposure: | Not applicable |
| Narcotic effects: | No data available. |

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated

12. ECOTOXICITY INFORMATION

| | |
|--------------------------------------|--|
| Ecological information of substance: | Very toxic to aquatic life with short-term and long-term effects. Do not contaminate waterways, sewers, or drains when using product or packaging. Bifenthrin Rainbow trout, LC ₅₀ (96 hr)= 0.00026 mg/L Water flea, EC ₅₀ (48 hr)= 0.00011mg/L |
| Bioaccumulation: | Bifenthrin has the potential to bioaccumulate. |

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Soil Toxicity: No soil toxicity.

13. DISPOSAL CONSIDERATIONS

Waste treatment – recommendation: Any appropriate and achievable methods for the disposal of a substance in accordance with the Hazardous Substances (Disposal) Notice 2017.

Container Disposal: Empty containers can be recycled or sent to landfill after cleaning if in compliance with local and national regulations.

DO NOT reuse containers. Do NOT burn.

Methods of disposal to avoid Do not empty down stormwater system

14. TRANSPORT INFORMATION

Road, Rail; Marine and Air:

UN Number: 3077

Dangerous Goods Class: Class 9

Hazchem Code: Not applicable

Packaging Group: III

Proper Shipping Name: Environmentally Hazardous Substance, Solid, N.O.S. (Bifenthrin)

Segregation: Food, Feed

15. N.Z. REGULATORY INFORMATION

EPA HSNO Number: HSR000047

GHS Classifications: Aquatic Acute. 1; Aquatic Chronic. 1

HSNO Controls: Refer to HSR000047

Additional Controls: The maximum application rate is 2.5kg No Ants Ant Sand.

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16. OTHER INFORMATION

SDS date of preparation: 29 / 11 / 2022

SDS date of revision: 29 / 11 / 2027

All Safety Data Sheets are subject to review and should not be left longer than five years before and update is obtained.

For further information visit the Kiwicare web site, www.kiwicare.co.nz, or contact the supplier of the starting material.

The information in this document should be made available to all who may handle the product. For proper and safe use of this product, please refer to the product label.

This information is based on data believed by Kiwicare Corporation Limited to be accurate at the time of writing. It is given in good faith, but no warranty expressed or implied is made as to its accuracy, completeness or otherwise. Every person dealing with the materials referred herein does so at their own risk absolutely and must make independent determinations of suitability and completeness of information from all sources to ensure their proper use.

Attention is drawn to the application and safety instructions set out on the label. This sheet is not a substitute for safety, hazard or application instructions set out on the label. As Kiwicare Corporation Limited and their distributors have no control over storage or use of this product no liability for accident or damage will be accepted.

Abbreviations:

| | |
|-----------|---|
| ADR: | European agreement concerning the international carriage of Dangerous goods by Road |
| CLP: | Classification Labelling and Packaging |
| EC: | European Commission |
| EU: | European Union |
| GHS: | Global Harmonized System |
| H Phrase: | Hazard Phrase |
| HSNO: | Hazardous Substances and New Organisms (1996) Act |
| IATA: | International Air Transport Association |
| ICAO: | International Civil Aviation Organisation |
| IMDG: | International Maritime Dangerous Goods |
| P Phrase: | Precautionary Phrase |
| RID: | Regulations concerning the International carriage of Dangerous good by rail |
| STEL: | Short-Term Exposure Limit |
| TLV: | Threshold Limit Value |
| TWA: | Time Weighted Average |

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