

Safety Data Sheet: Sumiblast Crack and Crevice Residual Aerosol

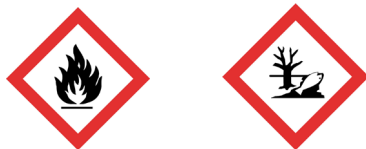
1. IDENTIFICATION

Product Name: Sumiblast Crack and Crevice Residual Aerosol
Other Names: -
Recommended Use: Aerosol insecticide for use in domestic, commercial and industrial areas.
Distributor: Key Industries Ltd
Address: P.O. Box 65070, Mairangi Bay, Auckland 0754
Telephone: 09 917 1791
Emergency Phone: 027 494 1659
National Poisons Centre: 0800 POISON (0800 764 766)

2. HAZARDS IDENTIFICATION

Hazardous substance according to the HSNO Act 1996 Hazardous Substances (Classification) Notice 2017.

Approval: HSR100287
Hazard Classifications: 2.1.2A, 6.3B, 9.1A, 9.4A
Pictograms:



Signal word: WARNING
Hazard statements: H223 Flammable aerosol.
H316 Causes mild skin irritation.
H410 Very toxic to aquatic life with long lasting effects.
H441 Very toxic to terrestrial invertebrates.
Precautionary statements:
Prevention: P103 Read label before use.
P210 Keep away from heat/sparks/open flames/hot surfaces.
No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 pressurized container; Do not pierce or burn, even after use.
P273 Avoid release to the environment.
Response: P332 + P313 If skin irritation occurs: Get medical advice.
P391 Collect spillage.
Storage: P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C.
Disposal: P501 Dispose of product and container in accordance with local regulations.

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Other information:

Hazardous Substance (Labelling) Notice 2017

Refer Section 15.

NZS5433 Transportation of Dangerous Goods on Land

Classified as DG Class 2, Sub Risk 9 for transport. Refer Section 14.

3. COMPOSITION: INFORMATION ON INGREDIENTS

| Ingredients | CAS Number | Concentration (%w/w) |
|---|-------------|----------------------|
| Cyphenothrin | 39515-40-7 | 0.25 |
| d-Tetramethrin | 1166-46-7 | 0.25 |
| Distillates (petroleum), hydrotreated light | 64742-47-8 | 10 - 30 |
| Propane | 74-98-6 | 30 - 60 |
| Other ingredients * | Proprietary | 30 - 60 |

* do not affect the hazardous classifications of the product

4. FIRST AID MEASURES

Consult the National Poisons Information Centre 0800 POISON (0800 764 766) or a doctor in every case of suspected chemical poisoning. Have product label or Safety Data Sheet at hand.

INGESTION: Rinse mouth. Do NOT induce vomiting. Get medical advice if person feels unwell.

If vomiting occurs spontaneously, keep head below hips to prevent vomit entering lungs.

SKIN CONTACT: Remove contaminated clothing. Wash skin with soap and water. If irritation or rash develops, obtain medical advice. Wash contaminated clothing before reuse.

EYE CONTACT: Flush with running water for at least 15 minutes. Remove contact lenses if present, and easy to do after 5 minutes before continuing rinsing. Get medical advice if irritation persists.

INHALATION: Remove patient to fresh air and keep at rest in a position comfortable for breathing until recovered. Get medical advice if person feels unwell or has respiratory symptoms, e.g. difficulty breathing.

First Aid facilities:

Provide eye baths and safety showers close to work areas.

Advice to Doctor:

Treat symptomatically.

5. FIRE FIGHTING MEASURES

Flashpoint: Flammable.

Suitable extinguishing media: Dry chemical, carbon dioxide, or foam. Use water fog/spray as appropriate for surrounding materials. Do not use water jet as this will spread the fire.

Hazards from combustion products: May generate harmful/toxic fumes/gases and smoke.

Precautions for fire fighters and special protective equipment: Propane is an explosive hazard. Containers can burst violently or explode when heated. Due to excessive pressure build-up. If aerosol cans are ruptured, care is needed due to the rapid escape of the pressurized contents and propellant. Do not breathe vapour from heated material. Wear self-contained breathing apparatus with full face-piece and protective clothing.

Hazchem Code: 2YE.

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6. ACCIDENTAL RELEASE MEASURES:

Personal Precautions:

Wear appropriate personal protection equipment to prevent contact with skin and eyes. Do not breathe vapours or spray mist.

Environmental Precautions:

Eliminate ignition sources if safe to do so. No smoking, sparks, flames or other sources of heat/ignition to be located near spillage. Contain spill and prevent from entering confined spaces (as risk of explosion) or from entering drains, sewer or any water course. In event of large spill and contamination of a water-course, notify the Police, local Health Protection Officer and Council.

Methods and materials for containment

Contain any liquid spillage with earth, clay, sand or similar absorbent material. Collect into labeled container that can be sealed for disposal to landfill. Wash down area with water.

7. HANDLING AND STORAGE

Precautions for Safe Handling:

Keep out of reach of children. Read and observe all precautions and safety instructions on the label. Aerosol is flammable. No smoking. Keep away from food or feed stuffs, and any source of heat/ignition. Pressurized container. Do not pierce or burn, even after use. Spray will evaporate and cool rapidly and may cause frostbite or cold burns if in contact with skin. Do not breathe vapours/mist/spray. Use in well-ventilated area, or with mechanical ventilation in enclosed spaces. Wear impervious gloves and protect eyes from splashes. Launder contaminated clothing before reuse.

Conditions for Safe Storage:

Store upright, in closed original packaging and out of reach of children. Keep in a cool, well-ventilated place, out of direct sunlight, and away from sources of ignition or heat. Do not store at temperatures exceeding 50 °C. Do not store with combustible materials, oxidizing materials, animal feed or foodstuffs.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Health Exposure Standards: Workplace Exposure Standards (WES), have not been set by Worksafe for this substance:

Biological limit values: None established

Engineering Controls:

Ventilation: Use outdoors or in a well-ventilated area.

Personal Protective Equipment:

Respiratory Protection: Respiratory protection should not be necessary when used in well-ventilated area or with mechanical ventilation in enclosed spaces.

Eye Protection: Wear tight fitting safety goggles or glasses.

Skin/ Body Protection: Wear impervious gloves, e.g. rubber, cotton overalls and closed in footwear.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|------------|------------------------|
| Appearance | Aerosol, colourless |
| Odour | Slight, characteristic |

EMERGENCY PHONE: KEY INDUSTRIES LTD (Frank Visser, Managing Director): 0274 941 659

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Date of Revision: August 2024

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| | |
|---|---|
| Odour threshold | Not determined |
| pH | Not determined |
| Melting/Freezing point °C | Not determined |
| Boiling Point/Range °C | Not available |
| Flash Point °C | Flammable (actual flashpoint not specified) |
| Flammability (solid, gas) | Not applicable |
| Upper/lower flammability/explosive limits | Not applicable |
| Vapour Pressure mm Hg @ 20°C | Not available |
| Vapour Density Pa @ 25°C | Not determined |
| Relative density | ~0.9 |
| Solubilities | Not available |
| Partition coefficient: n-octanol/water | Not available |
| Autoignition Temperature °C | Not determined |
| Decomposition Temperature °C | Not determined |
| Kinematic viscosity | Not determined |

10. STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions.

Conditions to avoid: Heat or flame/ignition sources, or contact with oxidizing agents.

Hazardous decomposition products: On combustion, harmful/ toxic fumes/gases and smoke generated.

Hazardous reactions: Not known to occur.

11. TOXICOLOGICAL INFORMATION

Toxicity classifications determined by assessment of the components in the formulated mixture.

Acute toxicity: Not classified as being acutely toxic by ingestion, dermal contact or inhalation.

Aspiration hazard: Not classified as an aspiration hazard.

Respiratory irritation: Not classified as respiratory irritant. Spray/mists may cause respiratory tract irritation.

Skin corrosion/irritation: Mildly irritating to skin. Contact with spray can cause frostbite or cold burns.

Serious eye damage/irritation: Slightly irritating to eyes.

Respiratory or skin sensitization: Not classified as sensitiser.

Germ cell mutagenicity: Not classified.

Carcinogenicity: Not classified.

Reproductive toxicity: Not classified.

Specific organ toxicity: Not classified.

Narcotic effects: Not classified.

Toxicological Information:

Cyphenothrin Oral, LD₅₀ (rat) 318 mg/kg b.w.

d-Tetramethrin Oral, LD₅₀ (rat) >2000 mg/kg b.w.

Oral, LD₅₀ (mouse) 1040 mg/kg b.w.

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12. ECOLOGICAL INFORMATION

Ecotoxicity: This mixture is classified as very toxic to aquatic life with long lasting effects and very toxic to terrestrial invertebrates. Do not contaminate waterways, sewers, or drains when using product, or when disposing of product or container.

Persistence and degradability: No specific information on product is available.

Potential to be bioaccumulative: No specific information available.

Mobility in soil: No specific information available.

Other adverse effects: No information available

Ecotoxicological Information:

Cyphenothrin Rainbow trout (*Onchorhynchus mykiss*) LC₅₀ (96 hr) 0.00034 mg/L

Daphnia magna LC₅₀ (48 hr) 0.00043 g/L

d-Tetramethrin Fish LC₅₀ (96 hr) 5 – 9 µg/L

Algae LC₅₀ (72 hr) >1.25 g/L

Environmental Exposure Limits (EEL's): Not set.

13. DISPOSAL CONSIDERATIONS

Disposal Methods: Ensure packaging is empty before disposal to landfill. Do not reuse empty containers. Do not pierce or burn/incinerate. Containers may contain residue that is hazardous.

Waste should be disposed of to an approved waste disposal facility or by burying at an approved site. Ensure disposal of packaging and product is in compliance with requirements of national and local authorities.

14. TRANSPORT INFORMATION

| Road and Rail Transport | | Marine Transport | | Air Transport | |
|-------------------------|----------|----------------------|----------|----------------------|----------|
| UN No. | 1950 | UN No. | 1950 | UN No. | 1950 |
| Proper Shipping Name | AEROSOLS | Proper Shipping Name | AEROSOLS | Proper Shipping Name | AEROSOLS |
| DG Class | 2 | DG Class | 2 | DG Class | 2 |
| Sub. Risk | 9 | Sub. Risk | 9 | Sub. Risk | 9 |
| Pack Group | - | Pack Group | - | Pack Group | - |
| Hazchem | 2YE | Hazchem | 2YE | | |

Marine Pollutant: Yes

Dangerous Goods Segregation

This product is classified as a Dangerous Good Class 2, Sub Risk 9 for Transport.

Please consult the Land Transport Rule: Dangerous Goods 2005, and NZS 5433:2012 Transport of Dangerous Goods on Land for information.

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15. REGULATORY INFORMATION

HSNO Act 1996

Approval Code: HSR100287; Sumiblast Water-Based Aerosol 2.5 / 2.5 Household Insect Residual Spray (Maestro Crack and Crevice Professional Aerosol Spray)

Classifications: 2.1.2A, 6.3B, 9.1A, 9.4A

Controls: Refer to www.epa.govt.nz for information on Controls.

Additional Controls under Regulation 77a: Do not apply onto or into water.

Additional label statement requirements under Hazardous Substances (Labelling) Notice 2017:

- Pictograms, signal word, hazard statements and precautionary statements
- Disposal information
- Statement (consumer product): Read label before use.
- Statement: Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area.
- Statement (or similar wording): Do not apply into or onto water.

ACVM Act 1997

Registration Number: Not applicable (exempt).

Tradename:

16. OTHER INFORMATION

Date of issue: 28th August 2019

Reasons for Issue: NZ SDS format..

Replaces: Not applicable.

Abbreviations:

| | |
|-------|---|
| ACVM | Agricultural Compounds and Veterinary Medicines |
| ECHA | European Chemical Agency |
| EPA | New Zealand Environmental Protection Authority |
| GHS | Global Harmonised System |
| HSIS | Hazardous Substance Information System |
| HSNO | Hazardous Substances and New Organisms |
| NZIoC | New Zealand Inventory of Chemicals |
| STEL | Short Term Exposure Limit (15 minute exposure period) |
| TWA | Time-Weighted Average (8 hours exposure period) |
| WES | Workplace Exposure Standard |

References:

EPA www.epa.govt.nz

Supplier information and SDS

Worksafe NZ www.worksafe.govt.nz

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the supplier's knowledge. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses, but is in no way an absolute authority. Please

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consult the relevant legislation and regulations governing the use and storage of this type of product. For further information, please contact Key Industries Limited.