

Material Safety Data Sheet

Section 1 – IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Expra Cockroach & Borer Fumigator

Uses: Household insecticide fumigator.

Company: STM Group NZ Ltd

Address: 16 Parkhead Place
Albany, Auckland, NZ

Telephone: +64 9 914 9400

Email: info@stmgroup.co.nz

Emergency Phone Number: 0800 764 766 (0800 POISON)

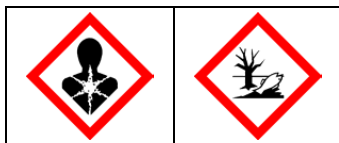
National Poison Centre: 0800 764 766 (0800 POISON)

Section 2 – HAZARDS IDENTIFICATION

Classified as hazardous according to the *Hazardous Substances (Classification) Regulations 2001*.

HSNO Classifications:

- 6.5A Respiratory sensitisers
- 6.9B (All) Harmful to human target organs or systems
- 9.1A (All) (C) (F) Very ecotoxic in the aquatic environment (crustacean, fish)
- 9.4A Very ecotoxic to terrestrial invertebrates



Signal Words: Danger

Hazard Statements

- H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- H371 May cause damage to organs.
- H400 Very toxic to aquatic life.
- H441 Very toxic to terrestrial invertebrates.

Section 3 – COMPOSITION INFORMATION ON INGREDIENTS

| Hazardous Ingredients | CAS No. | Proportion, % m/m |
|--|------------|-------------------|
| d-Cyphenothrin | 39515-40-7 | < 1 |
| Azodicarbonamide | 123-77-3 | > 60 |
| Other ingredients determined to not be hazardous | - | to 100% |

Section 4 – FIRST AID MEASURES

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

If exposed or if you feel unwell: Call a POISON CENTRE or doctor.

Eye contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Inhalation: IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTRE or doctor.

Ingestion: IF SWALLOWED: If swallowed, drink 1-2 glasses of water or milk. Do not induce vomiting Seek medical advice or call a POISON CENTRE or doctor. Do NOT induce vomiting.

Skin contact: Direct contact may cause irritation in sensitive individuals. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/ attention.

Notes to physician: Treat symptomatically and supportively. No specific antidote.

Section 5 – FIRE-FIGHTING MEASURES

Specific hazards: Keep product away from water, fire and sources of heat to prevent unintentional activation. Containers can build up pressure if exposed to fire and there is a danger of a violent reaction or explosion if significant quantities of this product are involved in a fire. Decomposition may be self-accelerated and produce large amounts of gas. May generate heat by reaction with water.

Further advice: On burning may emit toxic fumes including those of carbon monoxide and carbon dioxide, nitrogen and its compounds, oxides of nitrogen. Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of combustion.

Extinguishing media: For small fires, use dry chemical or carbon dioxide. For large fires, use water spray or foam. Do not discharge extinguishing waters into the aquatic environment.

Hazchem Code: 2YE

Section 6 – ACCIDENTAL RELEASE MEASURES

Minor spills: Avoid contact with spilled product. Damaged cans should be placed in a container outdoors. Undamaged cans should be gathered and stowed safely.

Major spills: Evacuate the spill area. Call the Fire Brigade. Remove all sources of ignition. If safe to do so, prevent spillage from entering drains or water courses. If material enters drains, advise emergency services. Collect and seal in properly labeled containers for disposal.

Section 7 – HANDLING AND STORAGE

Handling Precautions: Read product label before use. Do not use near open flame, or sources of ignition. Do not eat, drink or smoke when using this product. Avoid breathing vapours. Wash hands after handling.

Storage: Store in a well ventilated, cool, dry place. Keep away from heat, sparks, and flame. Store locked up.

Section 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits: No value assigned for this specific material. However, exposure standards for constituents;

| Material | TWA, mg/m ³ | STEL, mg/m ³ |
|----------|------------------------|-------------------------|
| - | - | - |

Engineering Controls: No controls required when handling small quantities. Avoid breathing vapours.

Protective Equipment: Gloves and safety glasses may be worn.

Section 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical state: White powder contained in a metal container. Aqueous activator liquid in a sachet.

pH: Not applicable.

Vapour Density: > 1 (Air =1)

Vapour Pressure, kPa: Not applicable

Boiling Point, °C: Not applicable.

Specific Gravity: Not applicable.

Flash Point, °C: Not applicable.

Explosion Limit, % v/v: Not applicable.

Autoignition Temp, °C: Not applicable.

Solubility: Not soluble in water.

Section 10 – STABILITY AND REACTIVITY

Stability: Stable under normal conditions of use and storage. Not reactive. Avoid oxidisers and contact with water. Avoid elevated temperatures.

Section 11 – TOXICOLOGICAL INFORMATION

Basis for Assessment: Information given is based on product testing, and/or similar products, and/or components.

Acute Oral Toxicity: Low toxicity: LD50 calculated to be > 5000 mg/kg, Rat, based on product components.

Acute Dermal Toxicity: Low toxicity: LD50 calculated to be >5000 mg/kg, Rabbit, based on product components.

Acute Inhalation Toxicity: LC50 > 5,000 mg/m³ Rat.

Skin Irritation: May cause mild skin irritation.

Eye Irritation: Vapours may be irritating to the eye.

Respiratory Irritation: Inhalation of vapours may cause irritation. May cause sensitisation by inhalation.

Sensitisation: Contains ingredients which are respiratory sensitisers.

Repeated Dose Toxicity: May cause damage to organs and system.

Additional Information: None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as being carcinogens.

Section 12 – ECOTOXICITY INFORMATION

Ecotoxicity: Very toxic in aquatic environments. Very toxic to fish and aquatic invertebrates.

Persistence/degradability: Inherently biodegradable.

Bioaccumulation: Not expected to bioaccumulate.

Section 13 – DISPOSAL CONSIDERATIONS

Material Disposal: Product wastes are considered ecotoxic and should be disposed in accordance with applicable regulations. Do not dispose into the environment, in drains or in water courses. Waste product should not be allowed to contaminate soil or water.

Container Disposal: Recycle empty container if possible or place in household rubbish. Disposal should be in accordance with applicable regulations.

Section 14 – TRANSPORT INFORMATION

Transport: Aquatic environmentally toxic substances equivalent to HSNO ecotoxic classification 9.1A are classified as UN Class 9 packing group III for transport - according to the NZ Land Transport Rule for road and rail, IMDG for sea, IATA for air.

Class: 9

Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Cyphenothrin)

UN Number: UN 3077

Packing Group: III

Section 15 – REGULATORY INFORMATION

EPA Approval Number: HSR000268 Vapour releasing product containing 72 g/kg cyphenothrin.

Section 16 – OTHER INFORMATION

This MSDS summarises our best knowledge of the health and safety hazard information. Since we cannot control the conditions under which the product may be used, each user must review this MSDS in the context of how the user intends to use the product.

End of msds.