

MATERIAL SAFETY DATA SHEET

FLYBAIT

Registration Holder:

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1) IDENTIFICATION OF THE SUBSTANCE/PREPARATION

| | |
|-------------------------------|-------------------------|
| Commercial Name: | Snap |
| Appearance: | Yellow Granules |
| Use: | Control of Flies |
| SA Registration Number: | L8395 of Act 36 of 1947 |
| Namibia Registration Number: | N-AR1215 |
| Zimbabwe Registration Number: | 15-D-57-92 |

2) COMPOSITION / INFORMATION ON INGREDIENTS

| | | |
|---------------------|---|-----------|
| Active ingredients: | Methomyl (carbamate) | 10.00g/kg |
| | (Z) – 9 Tricosene | 1.00g/kg |
| CAS No.: | 16752-77-5 | |
| Description: | The product is in the form of yellow, dry, free flowing, granules used as a quick killing fly bait with pheromone attractant for the control of houseflies in and around animal housing, refuse tips, manure heaps and food handling plants. Contains a bitter agent. | |

3) HAZARDS IDENTIFICATION

Poisonous by; contact and swallowing. May irritate eyes.

4) FIRST AID MEASURES

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| Eye: | Irritating, may cause redness, blurred vision, tears, mycosis with fixed pinpoint pupils. Immediately wash eyes with copious amounts of clean water for at least 15 min, cover with a sterile pad, and contact a doctor. |
| Skin: | The toxin is a cholinesterase inhibitor and may be absorbed through intact skin. Remove contaminated clothing, rinse affected skin area with plenty of soap and cold water or shower. DO NOT rub Skin. |
| Ingestion: | The toxin is a cholinesterase inhibitor and may cause headache, fatigue, faintness, giddiness, nausea, excessive sweating, abdominal pain, vomiting, blurred vision, muscle twitching, small pupils, respiratory distress, coma. Symptoms of poisoning may develop after several hours/days. Remove to fresh air, put in half up-right position, give plenty water. Never give anything by mouth to an unconscious person. DO NOT apply direct mouth to mouth respiration, use a disposable protective mouthpiece. |
| Inhalation: | The toxin is a cholinesterase inhibitor. Prevent inhalation of dust if the material is handled roughly, such as when sweeping up spillage or waste. Remove patient from source of poisoning to well ventilated area and keep him quiet and reassured. If necessary, administer artificial respiration and oxygen or closed chest cardiac massage. |
| TLV-TWA: | 2,5 mg/m ³ |
| NOTE TO PHYSICIAN: | Administer Atrone sulphate 2 to 4 mg (adult) intravenously. Repeat every 10 minutes until signs of atropinnzation occur (dry, flushed skin and tachycardia). Pralidoxime (2 PAM, Protopam) and other oximes are contra indicated. Keep the patient under observation for at least 48 hours. |

5) FIRE FIGHTING MEASURES

Personnel involved in a fire situation with this material should wear self-contained breathing apparatus as toxic and corrosive fumes may be given off, or upon contact with alkaline materials and strong oxidizing agents.
No unprotected person should be allowed in the vicinity. The decomposed material emits toxic and corrosive fumes. Fire extinguishing agents to be used: water or fog.
Contains run off with temporary earth barriers.

6) ACCIDENTAL RELEASE MEASURES

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| Methods For Cleaning | Cover spillage with dry sand, sweep up and dispose of as for toxic waste in accordance with local/ national regulations.r: 4 |
| Personal | Protective clothing and respiratory protection to be worn when clearing spillage. |

7) HANDLING AND STORAGE

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| Handling | Prevent consumption and contact with the skin. |
| Storage | Store away from food and foodstuffs. |
| Cleaning equipment after use | Clean protective clothing, used protective and the workers' personal clothing shall be kept apart. At the end of each day, all protective clothing and respirators shall be decontaminated, washed, rinsed and dried. Extra care must be taken when cleaning equipment after use. |
| Precaution | During application and when cleaning equipment ant protective clothing, contamination of all sources of drinking water, rivers, dams, other crops or grazing shall be prevented. The material is toxic to fish, birds and wildlife. |

8) EXPOSURE CONTROL/PERSONEL PROTECTION

Nitrile rubber gloves, boots, hat, safety goggles, face shield, dust mask/ effective respiratory protection, full length protective clothing and rubber like apron must be worn when loading or storing this material.

9) PHYSICAL AND CHEMICAL PROPERTIES

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| Appearance: | Granules |
| Colour: | Yellow |
| Odour: | Sulphurous odour |
| Solubility in water: | 58mg/L in water of 25°C. |

10) STABILITY AND REACTIVITY

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| Stability: | Stable under normal conditions. (maintain between 4°C and 30°C) |
| Incompatibility/ materials to avoid: | None |
| Hazardous decomposition products: | Avoid inhalation of fumes. |

11) TOXICOLOGICAL INFORMATION

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| ADI | 0.03mg/kg bw |
| Acute oral LD ₅₀ in rats: | 23mg/kg |
| Acute dermal LD ₅₀ in rabbits: | 2000 mg/kg |
| Acute inhalation LC ₅₀ (4 h) in rats: | 0.272 mg/l of air |
| Dermal irritation in rabbit: | Mild |
| Ocular irritation in rabbits: | Mild |
| Dermal sensitisation in guinea pigs: | Mild |
| Carcinogenicity/Mutagenicity/Reproductive Toxicity: | None |

12) ECOLOGICAL INFORMATION

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| Ecological effects information: | Toxic to Bees |
| LC50 (96 h) in acetone (rainbow trout): | 4.4mg/L |
| EC50 (48 h) Daphnia: | 28.7 µg/L |
| LD50 Birds: | 15.9 (Mallard Duck) |
| Persistence & Degradability: | The product is rapidly degraded in soil and ground water |
| Bioaccumulative Potential: | Methomyl does not bioaccumulate in aquatic organisms. |

13) DISPOSAL CONSIDERATION

Disposal of residue: Residue may be disposed of as for toxic waste in accordance with local/ national regulation.

Disposal of used packaging materials: Destroy empty containers by perforation and flattening and dispose of in accordance with local/ national regulations. DO NOT re-use for any other purpose.

14) TRANSPORT INFORMATION

Classified as not dangerous for transport

UN number: 2757

Class: 6

IMDG: 6195

Ems 6.1-04

MFAG 505

Packaging group: III

Declaration for land shipment: CARBAMATE PESTICIDE, SOLID, TOXIC

Declaration for sea shipment: CARBAMATE PESTICIDE, SOLID, TOXIC

Declaration for air shipment: CARBAMATE PESTICIDE, SOLID, TOXIC

15) REGULATORY INFORMATION

Risk Phases: R 28, 51, 55.

Safety Phases: S 2, 13, 24, 28, 37.

Risk phrase(R):

R28: Toxic if swallowed.

R51: Toxic to aquatic organisms.

R55: Toxic to fauna.

Safety phrase(S):

S2: Keep out of reach of children.

S13: Keep away from food, drink and animal feed stuffs.

S24: Avoid contact with the skin.

S28: After contact with the skin, wash immediately with plenty of water.

S37: Wear suitable gloves.

WHO Classification: III (moderately hazardous)

16) OTHER INFORMATION

The data contained herein is based on current knowledge and information on the date of publication and is given in good faith but without warranty. No responsibility is accepted for errors or omissions or the consequences thereof.