

MATERIAL SAFETY DATA SHEET

FLYBAIT

Manufactured & Distributed by:

Synvita CC

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

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 handed 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: NOTE TO PHYSICIAN:	2,5 mg/m ³ 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

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

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 and 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

Appearance: Granules

Colour: Yellow

Odour: Sulphurous odour

Solubility in water: 58mg/L in water of 25°C.

10) STABILITY AND REACTIVITY

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

ADI 0.03mg/kg bw

Acute oral LD₅₀ in rats: 23mg/kg

Acute dermal LD₅₀ in rabbits: 2000 mg/kg

Acute inhalation LC₅₀ (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

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.