

## MATERIAL SAFETY DATA SHEET

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### SYNMATIC

**Manufactured & Distributed by:**

Synvita CC

**Registration Holder:**

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#### 1) IDENTIFICATION OF THE SUBSTANCE/PREPARATION

Commercial Name:	<b>Synmatic</b>
Appearance:	Pressurised Metered Aerosol Container.
Use:	Control of Flies and Mosquitoes
SA Registration Number:	L8932 of Act 36 of 1947
Namibia Registration Number:	N-AR1530
Zimbabwe Registration Number:	15-D-122-15-D-109-23

#### 2) COMPOSITION / INFORMATION ON INGREDIENTS

D' Phenontrin:	Synthetic pyrethroid	CAS No.: 188023-86-1
D' Transallethrin	Synthetic pyrethroid	CAS No.: 260359-57-7
Piperonyl Butoxide:	Synergist	CAS No.: 51-03-6

Ingredients not precisely identified are proprietary or none hazardous.

#### 3) HAZARDS IDENTIFICATION

Product contains pesticide active ingredients that are poisonous. Avoid contact with the contents and prevent contamination of foodstuffs and water. Flammable gas under pressure. Decomposes in a fire to emit acrid smoke and irritating fumes.

#### 4) FIRST AID MEASURES

Eye:	Wash thoroughly with clean water for 15 minutes.
Skin:	Wash thoroughly with soap and water. Do not rub skin hard.
Ingestion:	Keep patient calm and reassured, rinse mouth with water. Seek Medical attention immediately.
Inhalation:	Avoid excessive inhalation. Remove person to a well ventilated area.

If misuse of this product results in accidental illness **SEEK MEDICAL ADVICE PROMPTLY AND SHOW THIS MSDS TO THE MEDICAL PRACTITIONER**

#### 5) FIRE FIGHTING MEASURES

<b>Specific Hazard</b>	Contents are combustible but not volatile.
<b>Decomposition of Product in Fire</b>	Under thermal decomposition may emit irritating and toxic fumes.

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**Fire Extinguisher Agents  
Protection For Fire-fighters**

Foam, chemical dry powders and halogenated agents  
Chemical impermeable gloves, safety goggles or face shield, effective protection or self-contained breathing apparatus as dictated by circumstances, full-length protective clothing and boots.

**Specific Methods**

No unprotected person should be allowed in the vicinity. Cool down container with water. Contain spillage using sand or earth barriers or other absorbent materials. Evacuation of area may be necessary in the event of a fire. Decontaminate area thoroughly by removing all spillage.

## 6) ACCIDENTAL RELEASE MEASURES

### PRECAUTIONS

#### Personal

No unprotected person should be allowed in the vicinity. Chemical impermeable gloves, safety goggles or face shield, effective protection or self-contained breathing apparatus as dictated by circumstances, full-length protective clothing and boots.

#### Environmental

Take all necessary precautions to protect the contamination of water ways and sewage systems

#### Methods For Cleaning

Contain spillage using sand or earth barriers or other absorbent material. Evacuation of area may be necessary in the event of a fire. Decontaminate area thoroughly by removing all spillage. Place in suitable labelled containers.

## 7) HANDLING AND STORAGE

### Handling Warnings

Do not eat or drink or smoke while working with container.

### Precautions

Avoid contamination of food, feed stuffs and drinking water.

### Storage

Keep at ambient temperature. Protect from direct sunlight and heat. Store in a well ventilated area. Keep away from sparks, ignition, and flames.

## 8) EXPOSURE CONTROL/PERSONEL PROTECTION

In the manufacturing process minimise exposure in accordance with good hygiene practice. Ensure area is well ventilated and protective clothing is used to protect eyes and body. Suitable dust mask or respirator for pesticides should be used for respiratory protection and eyewash and safety shower should be available in the work area.

## 9) PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Pressurised Can
Colour:	Not Applicable
Odour:	Aromatic
Flash point:	(LPG) -60°C
Flammability Limit:	200 ml < 1475 lt/can 325 ml < 2380 lt/can
Ignition Point:	(LPG) 405°C

## 10) STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Incompatibility/ materials to avoid: Unknown

**Hazardous decomposition products: No decomposition under normal conditions**

### 11) TOXICOLOGICAL INFORMATION

See data relating to toxicology of d' trans allethrin, d' phenothrin and piperonyl butoxide  
**Acute Symptoms of Human Exposure** No data available

### 12) ECOLOGICAL INFORMATION

No ecological data available. When used for the purpose for which it was intended no ecological problems are expected. Avoid contamination of the soil, surface and ground water.

### 13) DISPOSAL CONSIDERATION

The product and its packaging should be disposed of in accordance with International and Local legislation

### 14) TRANSPORT INFORMATION

International Regulations

UN No:	1950
Class:	2.1
Packaging group:	III
Declaration for land shipment:	1950 AEROSOLS, flammable
Declaration for Sea shipment:	1950 AEROSOLS, flammable
Declaration for Shipment by air:	1950 AEROSOLS, flammable
Classification 111. (slightly hazardous)	
Classified as not dangerous for transport by road and sea.	

### 15) REGULATORY INFORMATION

Risk Phrases:	R 10, 20, 36, 37, 38
Safety Phrases:	S 2, 16, 24, 47
WHO Classification:	111 (slightly 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.