

Material Safety Data Sheet

Publication Date: January 2006
Revised On: July 2008

Sheet No: WA/SA 01/5
Revision number: 2

Wefco ACTIVE[®] Wefcomatic Aerosol

COMPANY DETAILS:

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Emergency Telephone No or An Authorised Advisory Centre:

Red Cross Hospital (Children Only), Cape Town:	(021) 6585075
Tygerberg Hospital (Adults Only), Cape Town:	(021) 9316129
Pharmacology Universitas Hospital, Bloemfontein:	(051) 4013170
St Augustines Hospital, Durban:	0800 333444
Garden City Poison Centre, Johannesburg:	(011) 4955112
Pretoria Unitas Hospital, Pretoria:	0800 633444

1) IDENTIFICATION OF THE SUBSTANCE/PREPARATION

Commercial Name: *Wefco ACTIVE[®] Wefcomatic Aerosol*

Registration Number: L 8003

Appearance: Pressurised Aerosol Container. Pressurised by Butane/Propane Gas

Use: Control of Flies and Mosquitoes

2) COMPOSITION / INFORMATION ON INGREDIENTS

Pyrethrum: Natural Pyrethrum

Piperonyl Butoxide: Synergist

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.

Nature of Hazard:

Moderately hazardous if inhaled, swallowed and on skin contact. Contact with substance may cause irritation to both eyes and nasal passages especially those with allergic reaction to pollen.

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Skin contact:

Avoid contact with the liquid or spray mist as this may cause irritation and discomfort to sensitive skin.

Eye contact:

Contact with the liquid or spray mist may cause irritation, redness and blurred vision.

Ingestion:

Oral contact may cause numbness of lips and tongue, headache, nausea, vomiting, diarrhoea and/or convulsions. Allergic reactions may occur.

Inhalation:

Excessive inhalation of spray mist may cause headache, sneezing, nausea, sore throat, coughing, and shortness of breath, dizziness and respiratory distress. Persons sensitive to pollen are prone to allergic reactions to pyrethrum.

4) FIRST AID MEASURES

If poisoning is suspected, immediately contact a physician, the nearest hospital, or the nearest Poison Control Centre. Inform them of the complete product name, active ingredient and amount of exposure. Describe any symptoms and follow the advice given. Symptoms of acute exposure may result in eye, skin or respiratory tract irritation. A skin sensitization (allergic) reaction may occur in persons sensitive to pyrethrum.

Ingestion

If victim is fully conscious, give a large quantity of water to drink and induce vomiting. Never give anything by mouth to an unconscious person.

Eye Contact

Immediately rinse eyes with a large amount of water. Hold eyelids apart to rinse the entire surface of the eyes and eyelids. Do not apply any medicating agents except on the advice of the physician.

Skin Contact

Wash with plenty of soap and water, including hair and under the fingernails. Do not apply any medicating agent except on the advice of a physician. Remove contaminated clothing and decontaminate prior to use.

Inhalation

Move victim from contaminated area to fresh air. Apply artificial respiration if necessary.

Notes to Physician

There is no specific antidote if this product is ingested. Treat symptomatically.

5) FIRE FIGHTING MEASURES

Specific Hazard

Contents are combustible but not volatile.

Decomposition of Product in Fire

Under thermal decomposition may emit irritating and toxic fumes.

Fire Extinguisher Agents

Foam, chemical dry powders and halogenated agents.

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Protection For Fire-fighters

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. Do not puncture can.

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, Light, 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

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

Precautions

Avoid contamination of food, foodstuffs 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. Store away from food, feedstuffs and eating utensils.

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.

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9) PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	A clear, light brown concentrate liquid contained under pressure in an aerosol can. Metered valve system.
Weight:	Varies according to can size.
Solubility:	Pyrethrum is relatively insoluble in water, miscible with most organic solvents.
Flash point:	(LPG) 60°C
Odour:	The smell is a pleasant, natural, flowery perfume.

10) STABILITY AND REACTIVITY

Stability:	Stable under normal temperatures and conditions.
Compatibility:	The Pyrethrum is incompatible with alkaline substances resulting in hydrolysis and loss of insecticidal activity.
Decomposition:	The pyrethrum decomposes in light and air, oxidation and loss of insecticidal activity occurs.
Fire:	Decomposes in a fire to emit acrid smoke and irritating fumes.

11) TOXICOLOGICAL INFORMATION

Acute Symptoms of Human Exposure

The product may be hazardous on inhalation, skin contact and ingestion. Persons sensitive to pollen are prone to allergic reactions that include respiratory discomfort.

(Pyrethrins)

LD₅₀ acute oral, rats: 2140 mg/kg – male and 700 mg/kg - female

LD₅₀ acute dermal, rabbit: >2000 mg/kg

(Piperonyl Butoxide)

LD₅₀ acute oral, rats: >5000 mg/kg

LD₅₀ acute dermal, rabbit: >2000 mg/kg

12) ECOLOGICAL INFORMATION

No ecological data available

When used for the purpose for which it was intended to ecological problems are expected

Avoid contamination of the soil, surface and ground water.

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13) DISPOSAL CONSIDERATION

The product and its packaging should be disposed of in accordance with Local/ National legislation.

14) TRANSPORT INFORMATION

International Regulations

UN No:	1950
Class:	2.1
IMDG:	2013
Ems:	2.13
MFAG:	620
Land shipment:	AEROSOL, flammable
Sea shipment:	AEROSOL, flammable
Air shipment:	AEROSOL, flammable

15) REGULATORY INFORMATION

Risk phrases:	R 10, 20.
Safety phrases:	S 2, 16.
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.

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