

# SAFETY DATA SHEET



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## 1) IDENTIFICATION OF THE SUBSTANCE / PREPARATION

Commercial name: **BAYTICOL® AEROSOL**

Usage: Insecticide

Company identification: Bayer (Pty.) Ltd.  
Reg. No. 1968/011192/07  
P.O. Box 143, Isando 1600  
SOUTH AFRICA

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Responsible department: Product Development and Regulatory Affairs  
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In case of poisoning emergencies:  
Bayer (office hours only): +27 11 921 5310/5663/5471/5639  
Tygerberg Poison Centre: +27 21 931 6129  
Griffon Poison Information Centre: +27 82 446 8946

## 2) HAZARD IDENTIFICATION OF THE PRODUCT

Flammable gas. Vapours could cause dizziness or suffocation. Contact with liquid could cause frostbite. Fire could produce irritating or poisonous gases.

## 3) COMPOSITION / INFORMATION ON THE INGREDIENTS

Composition  
Hazardous components: Flumethrin 6 %  
Aromatic hydrocarbons approx 77 %

Chemical name: Aerosol dispensers, ≤ 1000 ml, flammable, toxic

Chemical family: Pyrethroid

## 4) FIRST AID MEASURES

Symptoms of poisoning: Hyper-excitability, tremors or convulsions, with muscle weakness.

Skin contact: Remove person from source of contamination and remove all contaminated clothing (taking care not to contaminate the first aider). Wash thoroughly with copious amounts of soap and water.

Eye contact: Flush out eyes with copious quantities of water.

Ingestion: There is no specific treatment, thus treatment is symptomatic and supportive.

Inhalation: IMMEDIATELY remove to fresh air. If not breathing give artificial respiration. If breathing of victim is difficult administer oxygen for a maximum period of one hour.

## 5) FIRE FIGHTING MEASURES

Small fires: Dry chemical, CO<sub>2</sub>, Halon.

Large fires: Water spray, fog or standard foam is recommended. Move container from fire area if you can do it without risk. Cool containers that are exposed to flames with water from the side until well after the fire is out. Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind; keep out of low areas. Positive-pressure self-contained breathing apparatus (SCBA) and structural firefighter's protective clothing will provide limited protection.

## 6) ACCIDENTAL RELEASE MEASURES

Breathing apparatus for fire only. Contain (avoid spillage from entering drains or water courses).

Precautions: Restrict access to area. Provide adequate protective equipment and ventilation. Remove sources of heat and flame. Notify occupational and environmental authorities.

Spill or leak: Stop leak if you can do it without risk.

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## 7) HANDLING AND STORAGE

Fire separation of at least 5 m or 4 hr fire resistant wall from the following classes is recommended: Flammable Gases, Flammable Liquids, Flammable Solids, Dangerous When Wet, Poison, Corrosives.

Storage in the same room or space is prohibited with the following classes: Explosives, Spontaneously Combustibles, Oxidizing Agents, Organic Peroxides, Radioactive.

The rooms or spaces should be at least 10 m apart.

## 8) EXPOSURE CONTROLS AND PERSONAL PROTECTION

Occupation Exposure Limits: No exposure limits established.

Controls: The control measures appropriate for a particular worksite depend on how this material is used and on the extent of exposure. The best protection is to enclose operations and/or provide local exhaust ventilation at the site of chemical release. Use a non-sparking, grounded ventilation system separate from other exhaust ventilation systems. Exhaust directly to the outside. Supply sufficient replacement air to make up for air removed. Have a safety shower / eye wash fountain readily available in the immediate work area.

Personal Protection: If engineering controls and work practices are not effective in controlling this material, then wear suitable personal protection equipment, including chemical safety goggles & face shield, boots, imperious gloves, coveralls, & respiratory protection. Have appropriate equipment available for use in emergencies.

## 9) PHYSICAL AND CHEMICAL PROPERTIES

Cans containing liquids and gas propellants which discharge the contents through a valve system.

## 10) STABILITY AND REACTIVITY

Conditions to avoid: Risk of violent reaction.

## 11) TOXICOLOGICAL INFORMATION

Acute toxicity: (active ingredient)

LD<sub>50</sub> oral, rat: 798 500 mg/kg

LD<sub>50</sub> acute percutaneous, rat: >93 750 mg/kg

inhalation LC<sub>50</sub> (4 hours), rats: 1 467 mg / m<sup>3</sup>

## 12) ECOLOGICAL INFORMATION

No ecological problems are expected when the product is handled and used with due care.

## 13) DISPOSAL CONSIDERATIONS

Disposal product: Chemical residues generally count as special waste. The disposal of the latter is regulated in the EC member countries through corresponding laws and regulations. We recommend that you contact the authorities in charge or approved waste disposal companies which will advise you on how to dispose of special waste. Do not puncture or incinerate the can.

Disposal packaging: Disposal in accordance with local legal provisions. Do not puncture or incinerate the can.

## 14) TRANSPORT INFORMATION

Un no.: 1950

Class: 2.1

IMDG: 2013

Ems: 2-13

MFAG: 620

Subsidiary risk: •

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

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## 15) REGULATORY INFORMATION

Risk phrases: R 10, 36/37/38, 43.

Safety phrases: S1/2, 24, 47.

WHO Classification: III (slightly hazardous)

## 16) OTHER INFORMATION

The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the product's properties.

Consult the label for directions for use.

THIS INFORMATION CONCERNS ONLY THE PRODUCT AS CONFORMING TO ITS SPECIFICATIONS AND LIMITED TO THE USES HEREIN STATED.

This sheet complements the technical sheet of use but does not replace it. The information contained on this sheet is based on knowledge of the product on the date of publication. It is given in good faith.

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