

# SAFETY DATA SHEET



Publication date: July 2004      Sheet number: BES/SA 0096      Revised on: 7 September 2015      Revision number: 8

## 1) IDENTIFICATION OF THE SUBSTANCE / PREPARATION

Commercial name: **TEMPO® FOGGER**

Usage: Insecticide

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

Telephone: +27 11 365 8600  
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Fax: +27 11 921 5754

Responsible department: Product Development and Regulatory Affairs  
+27 11 921 5429/5471/5639  
Nomfundo.mfeka@bayer.com

In case of poisoning emergencies:  
Bayer (office hours only): +27 11 921 5429/5471/5639  
Tygerberg Poison Centre: +27 21 931 6129  
Griffon Poison Information Centre: +27 82 446 8946

## 2) HAZARD IDENTIFICATION OF THE PRODUCT

Toxic to aquatic organisms.  
Highly flammable.

## 3) COMPOSITION / INFORMATION ON THE INGREDIENTS

Chemical nature: Aerosol (AE)  
Cyfluthrin (pyrethroid) 1,0 g/kg  
Triflumuron (benzoyl phenylurea) 2,5 g/kg  
Transfluthrin (pyrethroid) 0,4 g/kg

Hazardous components:

Chemical Name	CAS-No. / EINECS-No.	Symbol(s)	R-phrase(s)	Concentration [%]
Cyfluthrin	68359-37-5 269-855-7	T+, N	R23, R28, R50/53	0,1
Triflumuron	64628-44-0			0,25
Transfluthrin	118712-89-3 405-060-5	Xi, N	R38, R50/53	0,04

For the full text of the R phrases mentioned in this Section, see Section 16.

## 4) FIRST AID MEASURES

Remove the patient from the source of contamination.

Eye contact: Flush out eyes with water and seek medical attention.

Skin contact: Wash affected area with copious amount of soap and water.

Ingestion: Seek medical attention immediately.

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

Highly flammable.

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 fire fighter's protective clothing will provide limited protection.

# SAFETY DATA SHEET



## 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.

## 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

Exposure Limits Controls: No Exposure Limits Established.  
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 hazardous liquids and gas propellants which discharge the contents through a valve system.

## 10) STABILITY AND REACTIVITY

Risk of violent reaction.

## 11) TOXICOLOGICAL INFORMATION

LD<sub>50</sub> Oral, Rat: Cyfluthrin – 254 mg/kg, Triflumuron - > 5000 mg/kg, Transfluthrin - > 5000 mg/kg

LD<sub>50</sub> Dermal, Rat: Cyfluthrin – > 5000 mg/kg, Triflumuron - > 5000 mg/kg, Transfluthrin - > 5000 mg/kg

Sensitization, guinea pig: None

## 12) ECOLOGICAL INFORMATION

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

## 13) DISPOSAL CONSIDERATIONS

Product disposal: Do not puncture or incinerate the can.

Packaging disposal: Disposal in accordance with local legal provisions.

## 14) TRANSPORT INFORMATION

UN Number: 1950

Class: 2.1

IMDG: 2013

Ems: 2-13

MFAG: 620

Subsidiary risk: •

Packing group: III

Declaration for land shipment: 1950 AEROSOLS, flammable.

# SAFETY DATA SHEET



Declaration for sea shipment: 1950 AEROSOLS, flammable.

Declaration for shipment by air: 1950 AEROSOLS, flammable.

## 15) REGULATORY INFORMATION

Classification and labelling in accordance with the EC Directive on dangerous preparations 1999/45/EC as amended.

Classification: Labelling according to EC Directives,

Hazardous components which must be listed on the label: Cyfluthrin, transluthrin, triflumuron.

Symbol(s):

N: Dangerous for the environment.

R-phrases(s):

R11: Highly flammable.

R36/37/38: Irritating to eyes, respiratory system and skin.

R43: May cause sensitization by skin contact.

R50: Very toxic to aquatic organisms.

S-phrases(s):

S2: Keep out of the reach of children.

S15: Keep away from heat.

S24: Avoid contact with skin.

S47: Keep at temperature not exceeding 50 °C.

Exceptional labelling: To avoid risks to man and the environment, comply with the instructions for use.

WHO Classification: II (Moderately hazardous).

## 16) OTHER INFORMATION

Text of R phrases mentioned in Section 3:

R23: Toxic by inhalation.

R28: Very toxic if swallowed.

R38: Irritating to skin.

R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the products' properties.

Consult the label for the instructions 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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