



SAFETY DATA SHEET

12200007110

Tempo SC Ultra Premise Spray

Version 1.1

Revision Date 12/09/2010

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**Product information**

Product Name: Tempo SC Ultra Premise Spray
MSDS Number: 12200007110

Use : Pesticide

Company

BAYER HEALTHCARE LLC
 Animal Health Division
 12707 Shawnee Mission Parkway
 (West 63rd)
 Shawnee, KS 66216-1846
 UNITED STATES
 (800) 633-3796

In case of emergency: (800) 422-9874
 Chemtrec: (800) 424-9300
 BAYER INFORMATION PHONE:(800) 633-3796
 INTERNATIONAL:(703) 527-3887

2. HAZARDS IDENTIFICATION**Emergency Overview**

WARNING! Toxic Colour: beige Form: liquid suspension
 Harmful if inhaled.

Hazard Communication (29CFR 1910.1200)

Eye Contact Inhalation Skin Contact

Acute Inhalation Hazards

Expected to be toxic by inhalation.

Acute Skin Hazards

Paraesthesia (a tingling or burning sensation on the surface of the skin) may result from skin contact with synthetic pyrethroids and normally subsides without treatment within 24 hours.

Acute Eye Hazards

May cause slight irritation.

Acute Ingestion Hazards

Moderately toxic by ingestion.

Chronic Effects of Exposure

No applicable information was found concerning any adverse chronic health effects from overexposure to this

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product.

Medical Conditions Aggravated by Exposure Skin disorders, Respiratory tract disorders

No Carcinogenic substances as defined by IARC, NTP and/or OSHA

3. COMPOSITION/INFORMATION ON INGREDIENTS

Weight percent	Components	CAS-No.
10 - 30%	Cyfluthrin	68359-37-5
7 - 13%	Polyhydric alcohol	

4. FIRST AID MEASURES

General advice: Take off all contaminated clothing immediately.

If inhaled: Remove to fresh air. Call a physician immediately.

In case of skin contact: After contact with skin, wash immediately with plenty of soap and water. If skin reactions occur, contact a physician.

In case of eye contact: In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

If swallowed: If swallowed, seek medical advice immediately and show this container or label.

Contact Number: Use the Bayer Emergency Number in Section 1

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media: High volume water jet

Specific hazards during fire fighting: Fire may cause evolution of: Carbon monoxide Carbon dioxide (CO₂)

Special protective equipment for fire-fighters: In the event of fire, wear self-contained breathing

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apparatus. Use personal protective equipment.

Further information: Prevent fire extinguishing water from contaminating surface water or the ground water system.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protective equipment.

Methods for cleaning up: Cover spilt product with liquid-binding material (sand, silica gel, acid binder, universal binder, hybilat). Take up mechanically and fill into labelled, closable containers.

Additional advice: Keep away from/remove sources of ignition.

Further Accidental Release Notes Keep away from/remove sources of ignition.

7. HANDLING AND STORAGE**Handling:**

Avoid formation of aerosol. Only handle product with local exhaust ventilation. Avoid contact with skin, eyes and clothing.

Take measures to prevent the build up of electrostatic charge. Keep away from open flames, hot surfaces and sources of ignition.

Storage:

Storage temperature: 0 - 100 °F (-17.78 - 37.78 °C)

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Polyhydric alcohol**

US. ACGIH Threshold Limit Values

Time Weighted Average (TWA): 10 mg/m³ (Mist.)

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

PEL: 5 mg/m³ (Respirable fraction.)

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

PEL: 15 mg/m³ (Total dust.)

Respiratory protection:

Recommended Filter type: Organic vapor with prefilter

Hand protection:

Chemically resistant gloves.

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Eye protection:

Safety glasses

Other protective measures:

Wear suitable protective equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	suspension
Colour:	beige
Melting point:	68 °C
Density:	1.06 g/cm ³ at 68 °F (20 °C)
Vapour pressure:	no data available
Viscosity, dynamic:	1,060 mPa.s at 73.4 °F (23 °C)
Miscibility with water:	no data available
pH:	7 - 8
Partition coefficient (n-octanol/water):	no data available
Flash point:	> 199.4 °F (93 °C)
Ignition temperature:	not determined
Explosion limits:	
Explosion limits:	/ lower: 0.9 %(V)

10. STABILITY AND REACTIVITY

Conditions to avoid: no data available

Materials to avoid: Oxidizing agents

Hazardous reactions: None known.

Thermal decomposition:

no data available

Hazardous decomposition products:

Carbon monoxide, Carbon dioxide (CO₂)

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity:

LD50 rat , male : 960 mg/kg

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LD50 rat , female : 1,150 mg/kg

Acute inhalation toxicity:

rat: > 1.72 mg/l, 4 h

Acute dermal toxicity:

LD50 rat: > 2,000 mg/kg

Skin irritation:

rabbit

Result: slight irritation

Eye irritation:

rabbit

Result: Mild eye irritation

Sensitisation:

guinea pig

Result: Non-sensitizer

12. ECOLOGICAL INFORMATION

General advice:

Do not allow to enter surface waters or groundwater.

Toxicity to fish:

Polyhydric alcohol

Acute Fish toxicity: LC50 > 5,000 mg/l

Test species: Carassius auratus (goldfish) Duration of test: 24 h

Acute Fish toxicity: LC100 51,000 - 57,000 mg/l

Test species: Oncorhynchus mykiss (rainbow trout) Duration of test: 96 h

Acute Fish toxicity: LC50 > 250 mg/l

Test species: Leuciscus idus (Golden orfe) Duration of test: 48 h

Toxicity to daphnia and other aquatic invertebrates:

Polyhydric alcohol

EC50 > 10,000 mg/l

Test species: Daphnia magna (Water flea) Duration of test: 24 h

EC0 > 500 mg/l

Test species: Daphnia magna (Water flea) Duration of test: 24 h

13. DISPOSAL CONSIDERATIONS

If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. (40 CFR 261.20-24)

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Waste disposal should be in accordance with existing federal, state and local environmental control laws.

14. TRANSPORT INFORMATION

Land transport (DOT)

Non-Regulated

Inland waterway transport

Non-Regulated

Railway transport

Non-Regulated

Sea transport (IMDG)

Non-Regulated

Air transport (ICAO / IATA cargo aircraft only)

Non-Regulated

Air transport (ICAO / IATA passenger and cargo aircraft)

Non-Regulated

15. REGULATORY INFORMATION

FIFRA Status

This product is registered with the EPA under FIFRA.

US. Toxic Substances Control Act

This product is excluded from TSCA Regulation under FIFRA Section 3 (2)(B)(ii) when used as a pesticide.

US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A)

Components

None

SARA Section 311/312 Hazard

Immediate Health Hazard

Categories

US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required

Components

None

US. EPA CERCLA Hazardous Substances (40 CFR 302) Components

None

Massachusetts, New Jersey or Pennsylvania Right to Know Substance Lists

Weight percent

Components

CAS-No.

7 - 13%

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New Jersey Environmental Hazardous Substances List and/or New Jersey RTK Special Hazardous Substances Lists

Weight percent	Components	CAS-No.
0.1 - 1%		

California Prop. 65

To the best of our knowledge, this product does not contain any of the listed chemicals, which the state of California has found to cause cancer, birth defects or other reproductive harm.

OSHA Hazcom Standard Rating Hazardous

16. OTHER INFORMATION

NFPA 704M Rating

Health	1
Flammability	1
Reactivity	1
Other	

0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme

Further information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.