

# Tempo

## 20 WP Insecticide

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GROUP	<b>3</b>	INSECTICIDE
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For Pest Control Operators and Commercial Use Only

FOR USE ON INDOOR SURFACES OF LISTED STRUCTURES

### COMMERCIAL

ACTIVE INGREDIENT: Cyfluthrin ..... 20%

REGISTRATION NUMBER 25673 PEST CONTROL PRODUCTS ACT

**READ THE LABEL BEFORE USING**

**KEEP OUT OF REACH OF CHILDREN**



(See rear panel for First Aid and Precaution Statements)

NET CONTENTS: 420g

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A DIVISION OF BAYER CROPSCIENCE

## PRECAUTIONS

CAUTION: MAY IRRITATE EYES. May be harmful if swallowed or inhaled. Do not get into eyes, on skin, or on clothing. Avoid breathing dust or spray mist. Wear a respirator with a NIOSH-approved organic-vapour-removing cartridge with a prefilter approved for pesticides OR a NIOSH-approved canister approved for pesticides when mixing loading and applying Tempo 20 WP Insecticide. Wear a long-sleeved shirt, long pants, chemical-resistant gloves, shoes and socks during mixing, loading, application, clean-up and repair. If clothing becomes contaminated, remove and wash before reuse. Wash hands thoroughly with soap and warm water after handling.

KEEP OUT OF REACH OF CHILDREN. Ventilate treated areas after application either by opening windows and doors or through use of air exchange/ventilation systems confirmed to be operational. Use fans where required to aid in the circulation of air. Bystanders and animals must be excluded during application of Tempo 20 WP Insecticide. Hospital and/or nursing home patients must be removed from their rooms while treatment is being applied. School classrooms must be treated only when students are not present DO NOT allow people or pets to enter treated areas until 6 hours after application. If you experience respiratory effects (such as cough, sore throat, or shortness of breath), nausea, dizziness, or eye irritation upon re-entering areas treated with any product containing cyfluthrin, ventilate the area more and vacate the premises. If you continue to experience effects after additional ventilation, contact your health care professional.

Remove or tightly cover fish tanks and disconnect aerators during application. Bystanders and animals must be excluded during applications of Tempo 20 WP Insecticide, and not allowed to re-enter treated areas until at least six hours afterwards.

Do not contaminate feed or food.

NOTICE TO USER: This pest control product is to be used only in accordance with the directions on the label. It is an offence under the Pest Control Product Act to use this product in a way that is inconsistent with the directions on the label.

Following indoor applications to areas that people may re-enter, the user must complete the Information Sheet for Occupants and either post it at points of entry or provide directly to the occupant.

## DIRECTIONS FOR USE

### IMPORTANT

Read these entire Directions for Use before using Tempo 20 WP Insecticide. **Do not** formulate this product into other end-use products.

Tempo 20 WP Insecticide will not stain or cause damage to any painted or varnished household surface, plastic, fabric or other surface where water applied alone causes no damage. If you are unsure if this product will damage a substrate, it is recommended to check for potential staining and damage by spraying a small, inconspicuous area and examining the treated area after it has dried before treating an entire area.

### HOW TO APPLY:

Tempo 20 WP Insecticide may be applied using the following techniques:

- Indoor Perimeter Treatment: An indoor perimeter treatment is less than 30 cm wide along the edges of a room to baseboards, wall-floor and ceiling-wall joints, and around doorways or

windows.

- **Spot Treatment:** Spot application is localized to a surface area not more than 0.2 m<sup>2</sup>. Spots are not to be adjoining. The combined area of spots is not to exceed 10% of the total surface area of a room. Spot treatment with a low pressure coarse spray may be made **ONLY** to localized areas along baseboards; beneath and behind sinks, stoves, refrigerators and cabinets; around plumbing and other utility installations; around doors and windows. **NOTE: CARE SHOULD BE TAKEN TO AVOID DEPOSITING THE PRODUCT ONTO SURFACES WHICH ARE EASILY ACCESSIBLE BY CHILDREN.**
- **Crack and Crevice Treatment:** Crack and crevice is an application directly into narrow openings on the surface of the structure. It does not include the treatment of exposed surfaces. Narrow openings typically occur at expansion joints, utility entry points and along baseboards and mouldings.
- **Void Treatment:** Void application applies to inaccessible, enclosed empty spaces of a structure. For example, hollow walls and suspended ceilings.
- **Indoor Broadcast Treatment (Permitted in Livestock Buildings Only):** Broadcast application is to broad expanses of indoor structural surfaces.

**DO NOT APPLY AS A SPACE SPRAY.** A space spray is a suspension of fine droplets (0.1 to 100 micrometers) in the air within an indoor space.

**DO NOT** apply on the same day as other beta-cyfluthrin or cyfluthrin products.

**DO NOT** apply any product containing beta-cyfluthrin or cyfluthrin more than once every 10 days. Use the most restrictive retreatment interval of any product containing beta-cyfluthrin or cyfluthrin when reapplying.

**DO NOT** apply to furniture, mattresses, linens, pet bedding, toys or clothing.

As this product is not registered for the control of pests in aquatic systems, **DO NOT** use to control aquatic pests. **DO NOT** contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

### **PESTS CONTROLLED BY TEMPO 20 WP INSECTICIDE**

Tempo 20 WP Insecticide contains 20% active ingredient, which will provide effective knockdown and residual control of the following pests.

#### **PESTS CONTROLLED BY TEMPO 20 WP INSECTICIDE**

<b>1. Crawling Pests</b> Ants (except Pharaoh) Bedbug Carpet beetles Cockroaches: American German Oriental Crickets Lesser Mealworm (adults & larvae) Earwigs Firebrat Sowbugs Spiders	<b>2. Flying Pests</b> Flies Mosquitoes Wasps
	<b>3. Pantry &amp; Stored Product Pests</b> Beetles (exposed adults & immature stages): Confused flour Warehouse Moths: Indian meal (larvae only)
	<b>4. Wood Infesting Pests</b> Carpenter ants

## GENERAL MIXING INSTRUCTIONS

**One level Tempo scoop or 4 level teaspoons contain 9.5 grams of Tempo 20 WP Insecticide. Do not use scoop or teaspoon for feed, food, or drinking water purposes.**

Tempo 20 WP Insecticide is intended to be mixed with water and applied with hand pressurized or power operated sprayers having a pin-point or variable pattern nozzle. Spray pressure should not exceed 345 KPa (50 psi) at the nozzle tip when used indoors. Add the appropriate amount of product when filling sprayer tank with water, shake or agitate as necessary to mix. Diluted spray mixture can be stored overnight and applied the following day, but the mixture should be agitated before spraying to prevent uneven distribution of product. Before leaving spray mixture unagitated for an extended period of time, release tank pressure and elevate nozzle and hose above tank outlet, activate trigger and drain all suspension from hose back into spray tank. Re-tighten spray tank lid and do not re-pressurize until starting to spray again.

### **APPLICATION INSTRUCTIONS FOR DWELLINGS, INSTITUTIONS, MODES OF TRANSPORTATION AND PET KENNELS:**

**How to Apply:** Apply only as an indoor perimeter, spot, crack and crevice or void treatment. **DO NOT APPLY AS A BROADCAST TREATMENT OR SPACE SPRAY.** Spot treatment with a low pressure coarse spray may be made **ONLY** to localized areas along baseboards; beneath and behind sinks, stoves, refrigerators and cabinets; around plumbing and other utility installations; around doors and windows. A spot is an area no larger than 0.2m<sup>2</sup>.

**NOTE: CARE SHOULD BE TAKEN TO AVOID DEPOSITING THE PRODUCT ONTO SURFACES WHICH ARE EASILY ACCESSIBLE BY CHILDREN.**

**Use Locations:** For Indoor Use Only. Permitted areas of use are the following structures and modes of transportation:

- Dwellings: apartments, hospitals, hotels, houses and nursing homes;
- Institutions: factories, laboratories, mausoleums, non-commercial greenhouses, schools, stores and warehouses;
- Modes of transportation: aircraft, buses, rail cars, ships and truck;
- Food/feed establishments: bakeries, bottling plants, canneries, dairies, frozen food plants, grain mills, kitchens, meat packing plants, poultry and egg processing plants and restaurants; and
- Pet kennels

Apply to cracks and crevices in or behind baseboards, in floors, walls, expansion joints, areas around water and sewer pipes, wall voids, or voids in table legs and equipment where pests are seen or may be hiding. **DO NOT** apply where electrical short circuits could occur. Use a dust or dry bait in these areas.

**Dilution Instructions:** Mix one level Tempo scoop (9.5 g) of Tempo 20 WP Insecticide in 3.75L of water to make a 0.05% active ingredient suspension. Under conditions of severe pest infestation or when longer residual control is needed, mix two level Tempo scoops (19 g) of Tempo 20 WP Insecticide in 3.75L of water to make a 0.1% active ingredient suspension.

**Re-application Interval:** Tempo 20 WP Insecticide can be reapplied at 10-day intervals, if pests continue to be a problem.

**Re-entry Interval:** DO NOT allow people or pets to enter treated areas until 6 hours after application.

**Food/feed establishments:** Tempo 20 WP Insecticide applications are permitted in both food and non-food areas of food/feed handling establishments as a spot, or crack and crevice treatment. Food/feed establishments are defined as places other than private residences in which exposed food or feed is held, processed, prepared or served. Included also are areas for receiving, storing, packing (canning, bottling, wrapping, boxing), preparing, edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups) for food or feed. Serving areas where food and feed is exposed and the facility is in operation are also considered food/feed areas.

Application in food and feed handling areas of the facility may be made during close-down periods only. Do not apply directly to food, feed or food/feed-handling surfaces. Cover or remove all food/feed processing and/or handling equipment before application. After application in food/feed processing plants, bakeries, cafeterias and similar facilities, wash all equipment, benches, shelving and other surfaces which food/feed will contact. Clean food handling or processing equipment and thoroughly rinse with clean, fresh water.

**Use Specific Instructions:**

**General household pests and occasional invaders:** For control of listed crawling, flying and wood infesting pests apply where pests are seen, may hide or may enter.

**Pantry pest control:** For control of listed pantry pests, apply to cupboards, shelving and storage areas. Particular attention should be given to treating cracks and crevices. Remove all utensils, uncovered foodstuffs (or any with package opened), shelf paper and other objects before spraying. Allow treated surfaces to dry and cover shelves with clean paper before replacing any utensils, foodstuff or other items. Any foodstuff accidentally contaminated with spray solution should be discarded.

**Stored product pest control:** For control of listed stored product pests, apply where the pests are found or may hide. Treat warehouses, production facilities, storage areas, rail cars, truck beds and other areas where products are stored before filling with the product. Tempo 20 WP Insecticide may be used by pest control operators and grain producers to treat grain storage facilities and other areas noted above for stored product pest control. Cleaning of all areas prior to use of Tempo 20 WP Insecticide will increase levels of control. Any foodstuffs infested with pests should be removed and destroyed.

**Premises pest control:** For control of listed crawling, flying and wood infesting pests, apply treatment in closets and storage areas where these pests are found or may hide.

**Aircraft pest control:** For control of For control of listed crawling, flying and wood infesting pests in aircrafts, apply where the pests have been seen or may hide. DO NOT make applications when passengers or non-essential personnel are present in the immediate or treated area'. Passengers or other personnel should not be allowed to enter treated areas until at least six hours after application. Do not use in aircraft cabins. Do not allow spray to contact electrical and electronic systems.

**Pet kennels:** For use in pet kennels to control listed flying and crawling insects, apply as a spot or crack and crevice treatment. Control will be enhanced when facilities are cleaned. Do not make applications of Tempo 20 WP Insecticide when animals are present in area of facility to be treated. Allow at least six hours after application before re-stocking treated area of the facility. Cover or

remove animal feedstuffs or watering equipment.

For control of **carpet beetles**, apply along baseboards and edges of carpeting, under carpets and rugs, in closets and on shelving where these pests are found or may hide.

For control of listed **flying insects indoors**, apply around window frames. **Do not apply as a "space spray"**.

For control of **carpenter ants** in houses and other listed structures, use a 0.1 % suspension and apply around doors and windows. Spray into cracks and crevices or through small drilled holes into voids where these ants or their nests are present. Do not exceed 30 mL of dilute suspension per m<sup>2</sup> of treated surface. Apply around doors and windows. Spray into cracks and crevices or through small drilled holes into voids where these ants or their nests are present. Do not exceed 30 to 50 mL of dilute suspension per m<sup>2</sup> of treated surface.

#### **AGRICULTURE USE - APPLICATION INSTRUCTIONS FOR LIVESTOCK HOUSING:**

For indoor use only in livestock housing (including poultry houses).

INDOOR BROADCAST TREATMENTS ARE ONLY PERMITTED IN LIVESTOCK HOUSING.

For use by pest control operators and livestock producers in livestock housing structures (including poultry houses) to control listed crawling insects and flies.

Wear a respirator with a NIOSH-approved organic-vapour-removing cartridge with a prefilter approved for pesticides OR a NIOSH-approved canister approved for pesticides when mixing loading and applying Tempo 20 WP Insecticide. Wear a long-sleeved shirt, long pants, chemical-resistant gloves, shoes and socks during mixing, loading, application, clean-up and repair.

#### **Restrictions:**

- DO NOT apply Tempo 20 WP Insecticide when animals are present in area of facility to be treated. Apply only in well-ventilated areas.
- DO NOT allow cattle to re-enter facilities within 2 hours following application, and poultry within 24 hours following application.
- Cover water bowls in dairy barns securely with a tight fitting, elastic banded plastic cover. Cover feeding troughs in dairy barns securely with heavy plastic (6 mil) with sufficient plastic to allow for a 15 cm ( 6") overhang on the sides of the trough. A void direct spray application to the plastic used to cover bowls and troughs. Allow two hours after application before uncovering water bowls, feeding troughs or restocking the treated area of the facility with water and feed.
- DO NOT apply where electrical short circuits could occur.

**Re-application Interval:** Tempo 20 WP Insecticide can be reapplied at 10-day intervals, if pests continue to be a problem.

**Re-entry Interval:** DO NOT allow people or pets to enter treated areas until 6 hours after application.

**Fly Control:** For control of flies apply as an indoor broadcast treatment. Mix 1 or 2 level scoops (9.5-19 g) of Tempo 20 WP Insecticide per 100 m<sup>2</sup> in sufficient water to adequately cover the area being treated, but which will not allow dripping or runoff to occur. Use the higher rate when infestation is severe or when longer residual control is needed. Use a low pressure spray system with a fan-type nozzle to uniformly apply the suspension. Control will be enhanced if facilities are



cleaned. Applications can be made to all fly resting surfaces including walls, ceilings, posts, rafters, windows, dividers, stanchions, gates, bunks or curtains.

**Crawling Insects:** For control of listed crawling insects (see 'Pests controlled by Tempo 20 WP Insecticide' table), apply as an indoor broadcast, (see all the above directions for fly control in livestock housing), spot, interior perimeter or a crack and crevice treatment (0.05- 0.1 % active ingredient suspension) to areas where the pests are found, may hide or may enter. For control of lesser mealworm (adults and larvae) in poultry houses, apply after clean-out and before fresh litter is put down. DO NOT add fresh litter until at least one day after spraying.

## RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, please note that Tempo 20 WP Insecticide contains a Group 3 insecticide. Any insect population may contain individuals naturally resistant to Tempo 20 WP Insecticide and other Group 3 insecticides. The resistant individuals may dominate the insect population if this group of insecticides are used repeatedly in the same fields. Other resistance mechanisms that are not linked to site of action but are specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay insecticide resistance:

- Where possible, rotate the use of Tempo 20 WP Insecticide or other Group 3 insecticides with different groups that control the same pests in the location.
- Use tank mixtures with insecticides from a different group that is effective on the target pest when such use is permitted.
- Insecticide use should be based on an IPM program that includes scouting, record keeping, and considers cultural, biological and other chemical control practices.
- Monitor treated pest populations for resistance development.
- Contact your local extension specialist for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area.
- For further information or to report suspected resistance contact Bayer CropScience Inc. at 1- 888-283-6847 or via the internet at [www.cropscience.bayer.ca](http://www.cropscience.bayer.ca).

## ENVIRONMENTAL PRECAUTIONS

TOXIC to aquatic organisms and small wild mammals.  
DO NOT discharge effluent containing this product into sewer systems, lakes, streams, ponds, estuaries, oceans or other waters.

## FIRST AID

**If in eyes:** hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice. **If swallowed:** Call a poison control centre or doctor immediately for treatment advice. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by

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mouth to an unconscious person. **If on skin or clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice. **If inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

**TOXICOLOGICAL INFORMATION:** Skin exposure may cause transient sensations (tingling, burning, itching, numbness). Other symptoms of exposure could include respiratory effects (such as cough, sore throat, or shortness of breath), nausea, dizziness. Symptoms of poisoning may include itching, tautness and reddening of facial skin, paraesthesia (elevated sensitivity, particularly to touch) and irritation of the eyes, mouth and throat. No specific antidote is available. Avoid alcohol. Treat symptomatically.

### **DISPOSAL**

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Follow provincial instruction for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

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## **Information Sheet for Occupants of indoor areas treated with Tempo 20 WP Insecticide.**

**To be posted at points of entry or given to the occupant.**

This area has been treated with Tempo 20 WP Insecticide (Reg. No. 25673), containing the active ingredient cyfluthrin.

**DATE APPLIED:**

**TIME APPLIED:**

- Bystanders and animals must not be present during application.
- Do not re-enter the treated area until at least 6 hours after the product has been applied.
- Ventilate treated area by opening windows and doors. Use fans where required to aid in the circulation of air.

The following adverse effects have been reported following re-entry into areas treated with products containing cyfluthrin:

- respiratory effects such as cough, sore throat, or shortness of breath
- nausea
- dizziness
- eye irritation

If you experience effects, leave the area and ventilate further. For medical information, call 1-800-334-7577. If you experience effects that do not resolve rapidly or become worrisome, contact your health care professional.

For information pertaining to this application, contact the following pest control company which applied the product:

*[Insert pest control company name and contact details]*

For more information, contact

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