

# Tempo<sup>®</sup>

## 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 control of crawling, flying, and wood destroying insect pests on indoor surfaces

### COMMERCIAL

GUARANTEE: Cyfluthrin ..... 20%

REGISTRATION NUMBER 25673 PEST CONTROL PRODUCTS ACT

**READ THE LABEL BEFORE USING**

**KEEP OUT OF REACH OF CHILDREN**

CAUTION



POISON

(See rear panel for First Aid and Precaution Statements)

NET CONTENTS: 420g

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## 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 NIOSH-approved respirator when mixing loading and applying Tempo 20 WP Insecticide. Wear long pants and chemical-resistant gloves when handling the product. 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. Bystanders and animals must be excluded during application of Tempo 20 WP Insecticide, and not allowed to re-enter treated areas until at least two hours afterwards.

Hospital and/or nursing home patients must be removed from their rooms while treatment is being applied and must not be allowed to return until at least two hours after application of Tempo 20 WP Insecticide. School classrooms must be treated only when students are not present, and the students must not be allowed to return until at least two hours after application of Tempo 20 WP Insecticide.

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. The user assumes the risk to persons or property that arises from any such use of this product.
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## 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.**

### GENERAL INFORMATION

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

**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 for use as an indoor spot, or crack and crevice application in **Dwellings**, such as apartments, hospitals, hotels, houses and nursing homes; **Institutions**, such as factories, laboratories, mausoleums, non-commercial greenhouses, schools, stores and warehouses; **Modes of transport**, such as aircraft, buses, rail cars, ships and trucks; **Food/feed establishments**, such as bakeries, bottling plants, canneries, dairies, frozen food plants, grain mills, kitchens, meat packing plants, poultry and egg processing plants and restaurants; and **Pet kennels**.

Tempo 20 WP Insecticide also is intended for use as a general surface spray for control of flying and crawling insects in **livestock housing structures**, including poultry houses.

Tempo 20 WP Insecticide is intended to be mixed with water and applied with hand pressurized or power operated sprayers. 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.

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.

### **SPOT, CRACK AND CREVICE APPLICATIONS**

**Mix one level Tempo scoop 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 of Tempo 20 WP Insecticide in 3.75L of water to make a 0.1% active ingredient suspension. Use a low pressure system with a pin-point or variable pattern nozzle to apply the suspension in specific areas such as 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 can hide. Tempo 20 WP Insecticide can be reapplied at 10-day intervals, if necessary. Do not apply where electrical short circuits could occur. Use a dust or dry bait in these areas. 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.**

#### **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 is exposed and the facility is in operation are also considered food areas.

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

### **Dwellings, Institutions and Modes of Transport:**

For **general household pests** and **occasional invaders** make applications in a manner as previously described under Spot, Crack and Crevice Application. Particular attention should be given to treating entry points and harbourage areas. 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 two hours afterwards.

For **pantry pest control** of exposed adult and immature stages of insects, make application 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.

For **stored product pest control** of exposed adult and immature stages of insect pests, apply to cracks, crevices, and other surfaces where the pests have been seen or have harbourage. 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.

For **premises pest control** make spot application in closets and storage areas where these pests normally feed or hide. Follow all precautions listed above for general household pests.

For control of **carpet beetles**, apply as a spot treatment along baseboards and edges of carpeting, under carpets and rugs, in closets and on shelving.

For control of **flying insects indoors**, apply as a spot treatment on window frames. **Do not apply as a “space spray”**.

For control of **carpenter ants** in houses and other structures, use a 0.1% suspension and apply as a spot, crack and crevice or wall void application. Repeat treatments when necessary. 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.

For **aircraft pest control** apply to cracks, crevices and other surfaces where the pests have been seen or have harbourage. Applications should not be made 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 two 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 flying and crawling insects: apply as a spot or crack and crevice spray. 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 two hours after application before re-stocking treated area of the facility. Cover or remove animal feedstuffs or watering equipment.

### **GENERAL SURFACE APPLICATIONS**

#### **Livestock housing (including poultry houses):**

**For use by pest control operators and livestock producers in livestock housing structures (including poultry houses)** to control crawling and flying insect pests. For control of **flies** apply as a general surface spray using 1 or 2 level scoops 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 run-off 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 such as walls, ceilings, posts, rafters, windows, dividers, stanchions, gates, bunks, curtains, etc. Full protective clothing is recommended, including a hat (preferably safety helmet with visor), safety glasses, goggles or face shield, respirator, long-sleeved coveralls, unlined rubber gloves and rubber boots. 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 watering 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 6" overhang on the sides of the trough. Avoid direct spray application to the plastic used to cover bowls and troughs. Allow two hours after application before restocking treated area of facility. Do not apply where electrical short circuits could occur. **Do not apply as a "space spray"**.

For control of **crawling pests (see list)** apply as a surface spray (see all the above directions and precautions for fly control) and/or as a crack and crevice application (0.05-0.1% active ingredient suspension) to areas where the insects occur. 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 field.
- Use tank mixtures with insecticides from a different group 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 or certified crop advisors 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.bayercropscience.ca](http://www.bayercropscience.ca).

**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

**ENVIRONMENTAL HAZARDS**

This pesticide is extremely toxic to fish and aquatic invertebrates. Remove from premises or tightly cover fish tanks and disconnect aerators when applying indoors where such containers are present. Do not contaminate water when disposing of equipment wash waters. Apply this product only as specified on this label.

**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 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:** 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 the patient symptomatically.

### **STORAGE AND DISPOSAL**

Not for storage in or around the house. Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children. Do not contaminate water, food, or feed by storage or disposal.

#### **Disposal of Container:**

Do not reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Make the empty, rinsed container unsuitable for further use. If there is no container collection site in your area, dispose of the container in accordance with provincial requirements.

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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