

SAFETY DATA SHEET



TEMPRID™ SC INSECTICIDE

Version 2.0 / CDN
102000019505

1/11
Revision Date: 01/11/2017
Print Date: 01/11/2017

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product identifier

Trade name TEMPRID™ SC INSECTICIDE

Product code (UVP) 79521359

SDS Number 102000019505

PCP Registration No. 32524

Relevant identified uses of the substance or mixture and uses advised against

Use Insecticide

Restrictions on use See product label for restrictions.

Information on supplier

Supplier Bayer CropScience Inc
#200, 160 Quarry Park Blvd, SE
Calgary, Alberta T2C 3G3
Canada

Responsible Department Email: SDSINFO.BCS-NA@bayer.com

Emergency telephone no.

Emergency Telephone Number (24hr/ 7 days) 1-800-334-7577

Product Information Telephone Number 1-888-283-6847

SECTION 2: HAZARDS IDENTIFICATION

Classified in accordance with Part 2 of the Hazardous Products Regulations

Acute toxicity(Oral, Inhalation): Category 4

Labelling in accordance with Part 3 of the Hazardous Products Regulations



Signal word: Warning

Hazard statements

Harmful if swallowed or if inhaled

Precautionary statements

Wash thoroughly after handling.
Do not eat, drink or smoke when using this product.
Avoid breathing mist and spray.

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Use only outdoors or in a well-ventilated area.
IF SWALLOWED: Call a POISON CENTER/doctor/physician if you feel unwell.
Rinse mouth.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Call a POISON CENTER/doctor/physician if you feel unwell.
Dispose of contents/container in accordance with local regulation.

Hazards Not Otherwise Classified (HNOC)

No physical hazards not otherwise classified.
No health hazards not otherwise classified.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Component Name	CAS-No.	Concentration % by weight
Imidacloprid	138261-41-3	21.0
Beta-Cyfluthrin	68359-37-5	10.5
Naphthalene and alkyl naphthalene sulphonic acids formaldehyde condensate, sodium salt	68425-94-5	2.4

SECTION 4: FIRST AID MEASURES

Description of first aid measures

General advice	When possible, have the product container or label with you when calling a poison control center or doctor or going for treatment.
Inhalation	Move to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a physician or poison control center immediately.
Skin contact	Take off contaminated clothing and shoes immediately. Wash off immediately with plenty of water for at least 15 minutes. Call a physician or poison control center immediately.
Eye contact	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 physician or poison control center immediately.
Ingestion	Call a physician or poison control center immediately. Rinse out mouth and give water in small sips to drink. DO NOT induce vomiting unless directed to do so by a physician or poison control center. Never give anything by mouth to an unconscious person. Do not leave victim unattended.

Most important symptoms and effects, both acute and delayed

Symptoms To date no symptoms are known.

Indication of any immediate medical attention and special treatment needed

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Treatment	Appropriate supportive and symptomatic treatment as indicated by the patient's condition is recommended. There is no specific antidote.
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SECTION 5: FIREFIGHTING MEASURES

Extinguishing media

Suitable	Water spray, Foam, Carbon dioxide (CO ₂), Dry chemical
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Unsuitable	None known.
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Special hazards arising from the substance or mixture	Dangerous gases are evolved in the event of a fire.
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Advice for firefighters

Special protective equipment for firefighters	Firefighters should wear NIOSH approved self-contained breathing apparatus and full protective clothing.
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Further information	Keep out of smoke. Fight fire from upwind position. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses.
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Flash point	> 93.3 °C
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Auto-ignition temperature	360 °C / 680 °F
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Lower explosion limit	No data available
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Upper explosion limit	No data available
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Explosivity	Not explosive 92/69/EEC, A.14 / OECD 113
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SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Precautions	Keep unauthorized people away. Isolate hazard area. Avoid contact with spilled product or contaminated surfaces.
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Methods and materials for containment and cleaning up

Methods for cleaning up	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Collect and transfer the product into a properly labelled and tightly closed container. Clean contaminated floors and objects thoroughly, observing environmental regulations.
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Additional advice	Use personal protective equipment. If material is accidentally spilled, do not allow to enter soil, waterways or waste water canal.
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Reference to other sections Information regarding safe handling, see section 7.
Information regarding personal protective equipment, see section 8.
Information regarding waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Use only in area provided with appropriate exhaust ventilation. Handle and open container in a manner as to prevent spillage.

Hygiene measures Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, using the toilet or applying cosmetics.
Remove Personal Protective Equipment (PPE) immediately after handling this product. Before removing gloves clean them with soap and water. Remove soiled clothing immediately and clean thoroughly before using again. Wash thoroughly and put on clean clothing.

Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers Store in a cool, dry place and in such a manner as to prevent cross contamination with other crop protection products, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Components	CAS-No.	Control parameters	Update	Basis
Imidacloprid	138261-41-3	0.7 mg/m ³ (TWA)		OES BCS*
Beta-Cyfluthrin	68359-37-5	0.01 mg/m ³ (TWA)		OES BCS*
Glycerine (Mist.)	56-81-5	10 mg/m ³ (TWA)	07 2009	CAD AB OEL
Glycerine (Mist.)	56-81-5	10 mg/m ³ (TWA)	09 2011	CAD BC OEL
Glycerine (Respirable mist.)	56-81-5	3 mg/m ³ (TWA)	09 2011	CAD BC OEL
Glycerine (Mist.)	56-81-5	10 mg/m ³ (TWA)	11 2010	CAD ON OEL
Glycerine	56-81-5	10 mg/m ³ (8 HR ACL)	05 2009	CAD SK OEL

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(Mist.)				
Glycerine	56-81-5	20 mg/m ³ (15 MIN ACL)	05 2009	CAD SK OEL
(Mist.)				
Glycerine	56-81-5	10 mg/m ³ (TWA)	11 2011	OEL (QUE)
(Mist.)				

*OES BCS: Internal Bayer AG, Crop Science Division "Occupational Exposure Standard"

Exposure controls

Personal protective equipment

In normal use and handling conditions please refer to the label and/or leaflet. In all other cases the following recommendations would apply.

Respiratory protection

When respirators are required, select NIOSH approved equipment based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industry recommendations.

Hand protection

Chemical resistant nitrile rubber gloves

Eye protection

Safety glasses with side-shields

Skin and body protection

Wear long-sleeved shirt and long pants and shoes plus socks.

General protective measures

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and warm/tepid water.
Keep and wash PPE separately from other laundry.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	white to beige
Physical State	suspension
Odor	characteristic
Odour Threshold	No data available
pH	ca. 6.9 at 10 %
Vapor Pressure	No data available
Vapor Density (Air = 1)	No data available
Density	1.16 g/cm ³ at 20 °C
Evaporation rate	No data available
Boiling Point	No data available
Melting / Freezing Point	No data available
Water solubility	dispersible
Minimum Ignition Energy	Not applicable

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Decomposition temperature	Not applicable
Partition coefficient: n-octanol/water	No data available
Viscosity	500 - 1,100 mPa.s
Flash point	> 93.3 °C
Auto-ignition temperature	360 °C / 680 °F
Lower explosion limit	No data available
Upper explosion limit	No data available
Explosivity	Not explosive 92/69/EEC, A.14 / OECD 113

SECTION 10: STABILITY AND REACTIVITY

Reactivity

Thermal decomposition	Not applicable
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Extremes of temperature and direct sunlight.
Incompatible materials	No data available
Hazardous decomposition products	No decomposition products expected under normal conditions of use.

SECTION 11: TOXICOLOGICAL INFORMATION

Exposure routes	Skin Absorption, Eye contact, Ingestion
Immediate Effects	
Eye	Moderate eye irritation.
Skin	Harmful if absorbed through skin. May cause slight irritation.
Ingestion	Harmful if swallowed.

Information on toxicological effects

Acute oral toxicity	LD50 (female Rat) > 1,044 mg/kg
Acute inhalation toxicity	LC50 (Rat) > 2.03 mg/l Exposure time: 4 h Determined in the form of liquid aerosol.

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	highest concentration tested No deaths
Acute dermal toxicity	LD50 (Rat) > 2,000 mg/kg
Skin irritation	slight irritation (Rabbit)
Eye irritation	Mild eye irritation. (Rabbit)
Sensitisation	Non-sensitizing. (Guinea pig)

Assessment STOT Specific target organ toxicity – repeated exposure

Imidacloprid did not cause specific target organ toxicity in experimental animal studies. The toxic effects of Beta-Cyfluthrin are related to transient hyperactivity typical for pyrethroid neurotoxicity.

Assessment mutagenicity

Imidacloprid was not mutagenic or genotoxic based on the overall weight of evidence in a battery of in vitro and in vivo tests.
Beta-Cyfluthrin was not mutagenic or genotoxic in a battery of in vitro and in vivo tests.

Assessment carcinogenicity

Imidacloprid was not carcinogenic in lifetime feeding studies in rats and mice.
Beta-Cyfluthrin was not carcinogenic in lifetime feeding studies in rats and mice.

ACGIH

None.

NTP

None.

IARC

None.

OSHA

None.

Assessment toxicity to reproduction

Imidacloprid caused reproduction toxicity in a two-generation study in rats only at dose levels also toxic to the parent animals. The reproduction toxicity seen with Imidacloprid is related to parental toxicity. Beta-Cyfluthrin caused reproduction toxicity in a two-generation study in rats only at dose levels also toxic to the parent animals. The reproduction toxicity seen with Beta-Cyfluthrin is related to parental toxicity.

Assessment developmental toxicity

Imidacloprid caused developmental toxicity only at dose levels toxic to the dams. The developmental effects seen with Imidacloprid are related to maternal toxicity. Beta-Cyfluthrin caused developmental toxicity only at dose levels toxic to the dams. The developmental effects seen with Beta-Cyfluthrin are related to maternal toxicity.

Further information

Only acute toxicity studies have been performed on the formulated product.

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The non-acute information pertains to the active ingredient(s).

SECTION 12: ECOLOGICAL INFORMATION

Toxicity to fish	LC50 (Oncorhynchus mykiss (rainbow trout)) 211 mg/l Exposure time: 96 h The value mentioned relates to the active ingredient imidacloprid. LC50 (Oncorhynchus mykiss (rainbow trout)) 0.000068 mg/l Exposure time: 96 h The value mentioned relates to the active ingredient beta-cyfluthrin.
Toxicity to aquatic invertebrates	EC50 (Daphnia magna (Water flea)) 85 mg/l Exposure time: 48 h The value mentioned relates to the active ingredient imidacloprid. LC50 (Chironomus riparius (non-biting midge)) 0.0552 mg/l Exposure time: 24 h The value mentioned relates to the active ingredient imidacloprid. EC50 (Daphnia magna (Water flea)) 0.00029 mg/l Exposure time: 48 h The value mentioned relates to the active ingredient beta-cyfluthrin.
Toxicity to aquatic plants	EC50 (Desmodesmus subspicatus (green algae)) > 10 mg/l Growth rate; Exposure time: 72 h The value mentioned relates to the active ingredient imidacloprid. IC50 (Desmodesmus subspicatus (green algae)) > 0.01 mg/l Growth rate; Exposure time: 72 h The value mentioned relates to the active ingredient beta-cyfluthrin. No acute toxicity was observed at its limit of water solubility.
Biodegradability	Imidacloprid: Not rapidly biodegradable Beta-Cyfluthrin: Not rapidly biodegradable
Koc	Imidacloprid: Koc: 225 Beta-Cyfluthrin: Koc: 508 - 3179
Bioaccumulation	Imidacloprid: Does not bioaccumulate. Beta-Cyfluthrin: Bioconcentration factor (BCF) 506 Does not bioaccumulate.
Mobility in soil	Imidacloprid: Moderately mobile in soils Beta-Cyfluthrin: Immobile in soil
Environmental precautions	Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate surface or ground water by cleaning equipment or disposal of wastes, including equipment wash water.

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Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent sites.
Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.
Apply this product as specified on the label.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Product

Pesticide, spray mixture or rinse water that cannot be used according to label instructions may be disposed of on site or at an approved waste disposal facility.
Never place unused product down any indoor or outdoor drain.
Follow advice on product label and/or leaflet.

Contaminated packaging

Do not re-use empty containers.
Triple rinse containers.
Add washings to sprayer at time of filling.
Puncture container to avoid re-use.
Dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State/Provincial and local authorities, by burning.
If burned, stay out of smoke.
Follow advice on product label and/or leaflet.

SECTION 14: TRANSPORT INFORMATION

TDG

UN number	3082
Labels	9
Packaging group	III
Marine pollutant	Marine pollutant
Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BETA-CYFLUTHRIN, IMIDACLOPRID)

49CFR

Not dangerous goods / not hazardous material

IMDG

UN number	3082
Class	9
Packaging group	III
Marine pollutant	YES
Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BETA-CYFLUTHRIN, IMIDACLOPRID SOLUTION)

IATA

UN number	3082
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Revision Date: 01/11/2017
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Class	9
Packaging group	III
Environm. Hazardous Mark	YES
Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BETA-CYFLUTHRIN, IMIDACLOPRID SOLUTION)

This transportation information is not intended to convey all specific regulatory information relating to this product. It does not address regulatory variations due to package size or special transportation requirements.

Further Information	Exempt from regulation when transported by road or rail, in accordance with TDG Regulations 1.45.1. This exemption provides that this product does not require dangerous goods shipping documentation or safety marks when transported on land by road or rail.
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SECTION 15: REGULATORY INFORMATION

PCP Registration No. 32524

US Federal Regulations

TSCA list

None.

US. Toxic Substances Control Act (TSCA) Section 12(b) Export Notification (40 CFR 707, Subpt D)

None.

SARA Title III - Section 302 - Notification and Information

None.

SARA Title III - Section 313 - Toxic Chemical Release Reporting

Beta-Cyfluthrin 68359-37-5

US States Regulatory Reporting

CA Prop65

This product does not contain any substances known to the State of California to cause cancer.

This product does not contain any substances known to the State of California to cause reproductive harm.

US State Right-To-Know Ingredients

Beta-Cyfluthrin	68359-37-5	NJ, RI
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Canadian Regulations

Canadian Domestic Substance List

Naphthalene and alkyl naphthalene sulphonic acids formaldehyde condensate, sodium salt	68425-94-5
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Environmental

CERCLA

None.

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Clean Water Section 307 Priority Pollutants

None.

Safe Drinking Water Act Maximum Contaminant Levels

None.

SECTION 16: OTHER INFORMATION

Abbreviations and acronyms

49CFR	Code of Federal Regulations, Title 49
ACGIH	US. ACGIH Threshold Limit Values
ATE	Acute toxicity estimate
CAS-Nr.	Chemical Abstracts Service number
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
EINECS	European inventory of existing commercial substances
ELINCS	European list of notified chemical substances
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
N.O.S.	Not otherwise specified
NTP	US. National Toxicology Program (NTP) Report on Carcinogens
OECD	Organization for Economic Co-operation and Development
TDG	Transportation of Dangerous Goods
TWA	Time weighted average
UN	United Nations
WHO	World health organisation

NFPA 704 (National Fire Protection Association):

Health - 1 Flammability - 1 Instability - 0 Others - none

HMIS (Hazardous Materials Identification System, based on the Third Edition Ratings Guide)

Health - 1 Flammability - 1 Physical Hazard - 0 PPE -

0 = minimal hazard, 1 = slight hazard, 2 = moderate hazard, 3 = severe hazard, 4 = extreme hazard

Reason for Revision: Revised according to the current Canadian WHMIS standard (WHMIS 2015).

Prepared by the HSE Department of Bayer CropScience Inc. (306)-721-0310.

Revision Date: 01/11/2017

This information is provided in good faith but without express or implied warranty. The customer assumes all responsibility for safety and use not in accordance with label instructions. The product names are registered trademarks of Bayer.



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Temprid™ SC

Insecticide

For Use by Pest Management Professionals.

**COMMERCIAL
SUSPENSION**

FOR INDOOR USE AND FOR LIMITED OUTDOOR USE ON THE EXTERIOR SURFACES OF LISTED STRUCTURES

DO NOT apply any product containing beta-cyfluthrin or cyfluthrin more than once every 7 days.

Use the most restrictive retreatment interval of any beta-cyfluthrin or cyfluthrin product when re-applying.

ACTIVE INGREDIENTS: Imidacloprid.....21.0%
Beta-cyfluthrin.....10.5%
Contains 5-chloro-2-methyl-4-isothiazolin-3-one at 0.0017% and
2-methyl-4-isothiazolin-3-one at 0.00056% as preservatives.

REGISTRATION NUMBER 32524 PEST CONTROL PRODUCTS ACT

**READ THE LABEL AND BOOKLET BEFORE USING
KEEP OUT OF REACH OF CHILDREN**



BAYER CROPSCIENCE INC.*
Suite 200, 160 Quarry Park Blvd. S.E.
Calgary, Alberta T2C 3G3
Product Information: 1 888 283- 6847
www.bayeres.ca

**IN CASE OF SPILLS, POISONING OR FIRE, TELEPHONE EMERGENCY
RESPONSE NUMBER 1-800-334-7577 (24 HOURS A DAY)**

Net Contents:

2020-6074
2021-07-06

Temprid is a registered trademark of the Bayer Group

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 Products 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.

FIRST AID

If swallowed: Call a poison control centre or doctor immediately for treatment advice. Have 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 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 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 advice.

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 or eye irritation. Treat symptomatically.

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN

Wear long-sleeved shirt, long pants, chemical resistant gloves and shoes plus socks during mixing, loading, application, clean-up, repair and inspection. In addition, when treating overhead areas and confined spaces, wear safety glasses, goggles, or face shield and a respirator with a NIOSH-approved organic-vapour-removing cartridge with a prefilter approved for pesticides.

Harmful if swallowed.

Wash skin thoroughly with soap and water after handling. Wash contaminated clothing separately from household laundry before re-use.

Do not contaminate feed or food.

Bystanders and animals must not be present during application of Temprid SC.

Hospital and/or nursing home patients must be removed from their rooms while treatment is being applied. Schools, nurseries and daycares must be treated only when students, children and staff are not present.

Ventilate treated areas 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.

DO NOT allow re-entry into indoor treated areas during the restricted entry interval (REI) of 6 hours.

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 Temprid SC, ventilate the area more and vacate the premises.

If you continue to experience effects after additional ventilation, contact your health care professional.

For outdoor treated areas, do not allow re-entry until residues have dried.

DO NOT treat soil, turf or other plants adjacent to the building. This product is only for use on the exterior surfaces of structures.

ENVIRONMENTAL HAZARDS

Toxic to aquatic organisms. 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 water.

Toxic to bees exposed to direct treatment, drift, or residues on flowering crops or weeds. Minimize spray drift to reduce harmful effects on bees in habitats close to the application site.

Apply this product only in accordance with this label.

STORAGE

Store the product in the original container. Store the product in an area that is out of reach of children and animals, away from food, feedstuffs, fertilizers and seed.

DISPOSAL

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.



GROUP	3 4	INSECTICIDE
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Temprid™ SC

Insecticide

For Use by Pest Management Professionals.

**COMMERCIAL
SUSPENSION**

FOR INDOOR USE AND FOR LIMITED OUTDOOR USE ON THE EXTERIOR SURFACES OF LISTED STRUCTURES

DO NOT apply any product containing beta-cyfluthrin or cyfluthrin more than once every 7 days.

Use the most restrictive retreatment interval of any beta-cyfluthrin or cyfluthrin product when re-applying.

ACTIVE INGREDIENTS: Imidacloprid.....21.0%
Beta-cyfluthrin.....10.5%
Contains 5-chloro-2-methyl-4-isothiazolin-3-one at 0.0017% and
2-methyl-4-isothiazolin-3-one at 0.00056% as preservatives.

REGISTRATION NUMBER 32524 PEST CONTROL PRODUCTS ACT

**READ THE LABEL AND BOOKLET BEFORE USING
KEEP OUT OF REACH OF CHILDREN**

CAUTION  **POISON**

BAYER CROPSCIENCE INC.*
Suite 200, 160 Quarry Park Blvd. S.E.
Calgary, Alberta T2C 3G3
Product Information: 1 888 283- 6847
www.bayeres.ca

IN CASE OF SPILLS, POISONING OR FIRE, TELEPHONE EMERGENCY
RESPONSE NUMBER 1-800-334-7577 (24 HOURS A DAY)

Net Contents:

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FIRST AID

If swallowed: Call a poison control centre or doctor immediately for treatment advice. Have 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 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 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 advice.

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 or eye irritation. Treat symptomatically.

STORAGE

Store the product in the original container. Store the product in an area that is out of reach of children and animals, away from food, feedstuffs, fertilizers and seed.

DISPOSAL

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.

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN

2020-6074
2021-07-06

Wear long-sleeved shirt, long pants, chemical resistant gloves and shoes plus socks during mixing, loading, application, clean-up, repair and inspection. In addition, when treating overhead areas and confined spaces, wear safety glasses, goggles, or face shield and a respirator with a NIOSH-approved organic-vapour-removing cartridge with a prefilter approved for pesticides.

Harmful if swallowed.

Wash skin thoroughly with soap and water after handling. Wash contaminated clothing separately from household laundry before re-use.

Do not contaminate feed or food.

Bystanders and animals must not be present during application of Temprid SC.

Hospital and/or nursing home patients must be removed from their rooms while treatment is being applied. Schools, nurseries and daycares must be treated only when students, children and staff are not present.

Ventilate treated areas 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

DO NOT allow re-entry into indoor treated areas during the restricted entry interval (REI) of 6 hours.

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 Temprid SC, ventilate the area more and vacate the premises.

If you continue to experience effects after additional ventilation, contact your health care professional.

For outdoor treated areas, do not allow re-entry until residues have dried.

DO NOT treat soil, turf or other plants adjacent to the building. This product is only for use on the exterior surfaces of structures.

ENVIRONMENTAL HAZARDS

Toxic to aquatic organisms. 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 water.

Toxic to bees exposed to direct treatment, drift, or residues on flowering crops or weeds. Minimize spray drift to reduce harmful effects on bees in habitats close to the application site.



Apply this product only in accordance with this label.

GENERAL INFORMATION

- Two modes of action
- Contact activity
- Low odor
- Non-staining on most substrates. Users should test a small, inconspicuous area first to ensure there is no damage to treated substrate such as staining, discolouration or corrosion prior to treating an entire area.

Temprid SC

- Temprid SC is a suspension concentrate formulation of two insecticide active ingredients, imidacloprid and β -cyfluthrin. One litre of Temprid SC contains 240 g of imidacloprid and 120g of β -cyfluthrin.
- Shake well before using.

Kills on contact	Ants, Bed bugs (eggs, nymphs, adults), Blue bottle flies, Carpet beetles, Cluster flies, Cockroaches, Confused flour beetles (adults and immature stages), Crickets, Earwigs, Firebrats, Flesh flies, House flies, Hornets, Indian meal moth (larvae only), Lesser mealworm (adults and larvae), Mosquito adults, Sowbugs, Stable flies, Spiders*, Warehouse beetles (adults and immature stages), Wasps and Yellowjackets. *Some species of spiders (e.g., cellar spiders) may be less susceptible to Temprid SC.
Re-Entry 	<ul style="list-style-type: none">• People and pets can only enter the treated indoors areas after the restricted-entry interval (REI) of 6 hours. Ventilate treated areas either by opening windows and door or through use of air exchange/ventilation systems confirmed to be operational. Use fans where required to aid in the circulation of air.• For outdoor treated areas, do not allow re-entry until residues have dried.
Questions 	For questions or comments, call Bayer CropScience Inc. toll-free 1-800-331-2867

DIRECTIONS FOR USE

HOW TO APPLY:

Temprid SC can be used:

- 1) Indoors only as an indoor perimeter, spot, crack and crevice or void treatment.
- 2) Outdoors as a broadcast, spot or crack and crevice treatment on the exterior surfaces of structures.

DO NOT apply as a broadcast treatment INDOORS. DO NOT apply as a space spray.

Indoor Perimeter Treatment:

An **indoor perimeter treatment** is a coarse or pin stream application of a low pressure spray (do not exceed 345 kPa (50 psi) at nozzle tip) in a band or strip (less than 30 cm wide) around the outside edges of a room (baseboards, ceiling), doorways and/or windows.

Spot Treatment (A **spot treatment** is an area less than 0.2 m² (2 ft²). Spots are not to be adjoining and the total area of the spots is not to exceed 10% of the surface area being treated. Use a low-pressure system (do not exceed 345 kPa (50 psi) at nozzle tip) with a fan-type nozzle to apply the dilution uniformly.

Crack and Crevice Treatment

A **crack and crevice treatment** is the application of an insecticide directly into cracks and crevices where insects hide or through which they may enter a structure. It does not permit the treatment of surfaces. Use a low-pressure system (do not exceed 345 kPa (50 psi) at nozzle tip) with a pin stream nozzle that delivers low volume treatments.

Void Treatments (Indoors only):

Apply directly into voids where pests are present or may be hiding. Use a low-pressure system (do not exceed 345 kPa (50 psi) at nozzle tip) with a pin stream nozzle. When applying as a foam, mix final dilution with manufacturer's specified volume of foaming agent. When applying as a mist, use mist generating equipment. Do not allow mist to drift out of void spaces into commonly occupied areas of the structure. Spray, mist or foam applications can be made in voids behind veneers, piers, and chimney bases, into block voids or structural voids, wall voids, stoops and porches.

Broadcast Treatment (Outdoors on exterior surfaces only):

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A **broadcast treatment** is the application to broad expanses of surfaces where insects are seen or may be found. Uniformly spray the outside surfaces of the structure to a height of 0.5 to 1 m. Apply enough dilution to adequately cover the area without dripping or run-off. DO NOT exceed a rate of 40 mL dilution/m². Use a low-pressure system, (do not exceed 345 kPa (50 psi) at nozzle tip) with a fan-type nozzle to apply the dilution uniformly.

USE LOCATIONS:

Use Temprid SC (1) Indoors only as an indoor perimeter, spot, crack and crevice or void treatment or (2) Outdoors on the exterior surfaces of structures as a broadcast, spot, or crack and crevice treatment in locations where insects are seen or may be hiding. Apply directly to the pest where possible.

Permitted areas of use are the following structures, and modes of transport:

<ul style="list-style-type: none">• apartment buildings• bakeries• cafeterias• correctional facilities• greenhouses (structures only)• hospitals• hotels• houses• industrial buildings• kitchens	<ul style="list-style-type: none">• laboratories• livestock housing• pet kennels• manufacturing establishments• mausoleums• motels• nursing homes• poultry houses• food/feed and non-food/feed processing and packing plants	<ul style="list-style-type: none">• restaurants• schools including nurseries and daycares• shelters• stores• warehouses• inside transportation vessels such as buses, trucks, trailers, rail cars, marine vessels, cars, vans, mobile homes (excluding the passenger areas of aircraft)
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WHEN TO APPLY:

Apply when pests are seen or found. Apply Temprid SC directly to the pest where possible.

MIXING INSTRUCTIONS:

Shake well before use. Mix the appropriate amount of Temprid SC with water. Add Temprid SC when filling spray tank with water; shake or agitate mixture. Diluted spray mixture can be stored overnight. Agitate before using.

INDOOR USE APPLICATION INSTRUCTIONS

TO KILL LISTED PESTS INSIDE LISTED STRUCTURES, AND MODES OF TRANSPORT
APPLY AS AN INDOOR PERIMETER, SPOT, CRACK AND CREVICE OR VOID TREATMENT ONLY

RESTRICTIONS:

- DO NOT allow people or pets to enter into treated indoor areas during the restricted entry interval (REI) of 6 hours.
- DO NOT apply any product containing beta-cyfluthrin or cyfluthrin more than once every 7 days. Use the most restrictive retreatment interval of any beta-cyfluthrin or cyfluthrin product when re-applying.
- DO NOT apply as a space spray or broadcast treatment.
- DO NOT apply to surfaces that may be in contact with food/feed. All food processing surfaces and utensils should be covered before treatment or thoroughly washed following treatment. Cover exposed food or remove from area being treated.
- DO NOT apply in rooms of hospitals, nursing homes or shelters while they are occupied.
- DO NOT apply in schools, daycares or nurseries while they are occupied.
- DO NOT allow dripping or run-off to occur from vertical or overhead surfaces.
- DO NOT apply where electrical short circuits can occur; use a registered dust or dry bait in these

<p>areas.</p> <ul style="list-style-type: none"> • DO NOT spray bed linens or other materials which come in direct contact with occupants of the bed. • DO NOT apply as a general surface spray to mattresses, furniture or upholstery. Apply to tufts and seams only. • Remove or tightly cover fish tanks and disconnect aerators during application. • DO NOT exceed a rate of 40 mL dilution/m². 		
Pest	<u>Dilution</u>	Notes
Carpet beetles Cockroaches Confused flour beetles (adults and immature stages) Crickets Earwigs Firebrats Indian meal moth (larvae only), Lesser mealworm (adults and larvae) Sowbugs Spiders Warehouse beetles (adults and immature stages)	2 mL of Temprid SC per 1 L of water	<p>Apply at entry points such as around doors and windows and where utilities enter.</p> <p>Treat areas of the structure where pests are normally found or hide such as behind baseboards, around water pipes, cabinets and under sinks.</p>
Bed Bugs (eggs, nymphs and adults)	2 mL of Temprid SC per 1 L of water	<p>Apply in areas of the structure where bed bugs may be hiding such as behind baseboards, behind moldings, in closets, along shelf edges, and back of picture frames.</p> <p>DO NOT make general surface sprays (the entire surface area) or spot treatment on mattresses, furniture or upholstery. Apply to the cracks and crevices and tufts and seams only. DO NOT treat any article that can be washed (curtains, linens, pillows etc)</p> <p>For infested mattresses, remove linens. Apply only to tufts, seams, folds, and edges of the mattress until moist (not to exceed 40 mL/m² of surface area) using a pin stream nozzle. Allow treated area to dry before replacing clean linens on treated mattress.</p> <p>Apply using a pin stream nozzle to the cracks and joints of bedsprings and bedframes and the tufts and seams of box springs. If bed bugs are found in upholstery, apply only to the infested tufts, seams, folds edges, and underneath the dust cover. Apply to the cracks and joints of the interior frame.</p> <p>Apply to interior frame of furniture, including all cracks, and joints.</p>
Ants	2 mL of Temprid SC per 1 L of water	<p>Apply at entry points such as around doors and windows and where utilities enter. Not for use against ant nests.</p> <p>Apply to ant trails behind baseboards, around pipes, under cabinets, and other places where ants are active.</p>
House flies Stable flies Flesh flies Blue bottle flies Cluster flies Mosquito adults	2 mL of Temprid SC per 1 L of water	<p>Apply at entry points such as around doors and windows and where utilities enter. May also be applied as a crack and crevice or void treatment in locations on the structure where flies are hiding.</p> <p>Cluster flies: Treat in late summer or fall when cluster flies are looking for winter shelter.</p>

FOR LIMITED OUTDOOR USE ON THE EXTERIOR SURFACES OF STRUCTURES

TO KILL LISTED PESTS ON THE EXTERIOR OF LISTED STRUCTURES.

APPLY AS A BROADCAST, CRACK AND CREVICE OR SPOT TREATMENT ONLY.

- Apply to exterior surfaces, cracks and crevices or expansion joints of listed structures where listed pests may enter the structure, where they are found or where they may be hiding such as around doors and windows, eaves, attic vents, utility entry points, soffit areas and other exterior openings (e.g., foundation cracks or drilled holes).

RESTRICTIONS:

- DO NOT allow people or pets to re-enter treated outdoor areas until residues have dried.
- DO NOT treat patios, porches, decks, gazebos or play structures.
- 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 waste
- DO NOT treat soil, turf or other plants adjacent to the building. This product is only for use on the exterior surfaces of structures.
- DO NOT apply to the exterior surfaces of transportation vehicles.
- DO NOT exceed a rate of 40 mL dilution/m².

Pest	Dilution	Notes
Ants	2 mL of Temprid SC per 1 L of water	Treat ant trails around windows and doors, or other areas on the structure where ants are seen. Not for use against ant nests. Remove or prune away any shrubbery, bushes, and tree branches touching the structure. Vegetation touching the structure may offer a route of entry for ants into the structure.
Crickets, Earwigs, Firebrats, Sowbugs and Spiders	2 mL of Temprid SC per 1 L of water.	Apply directly to pests that have congregated on the structure such as around doors and windows and any other area where the pests may enter the building.
House flies Cluster flies Stable Flies Flesh flies Blue bottle flies Mosquito adults	2 mL of Temprid SC per 1 L of water	Apply low-pressure spray to outside surfaces of listed structures where flies and mosquito adults may rest. Cluster flies: Treat in late summer or fall when cluster flies are looking for winter shelter. Spray siding, eaves and around windows (including screens). Pay particular attention to cracks and crevices.
Hornets, wasps, and yellow jackets	2 mL of Temprid SC per 1 L of water.	Apply to surfaces of structures where pests congregate, collect or rest. Not for use against nests of stinging insects.

RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, please note that Temprid SC contains Group 3 and 4 insecticides. Any insect population may contain individuals naturally resistant to Temprid SC and other Group 3 and 4 insecticides. The resistant individuals may dominate the insect population if these groups of insecticides are used repeatedly in the same locations. Other resistance mechanisms that are not linked to site of action but are specific for

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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 Temprid SC or other Group 3 and 4 insecticides with different groups that control the same pests in a location.
- 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.bayercropscience.ca.

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Information Sheet for Occupants of indoor areas treated with Temprid SC.

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

This area has been treated with Temprid SC (Reg. No. 32524), containing the active ingredients imidacloprid and beta-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 areas, either by opening windows and doors or through the use of air exchange/ventilation systems confirmed to be operational. 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 beta-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 PCC name and contact details]

For more information, contact

BAYER CROPSCIENCE INC.
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Calgary, Alberta T2C 3G3
Telephone: 1 888 283- 6847