

Emergency Pesticide Use Notification

Issue Date 8/28/17

To: Parents/guardians of students, and staff of Millbridge School

From: The School IPM Coordinator: Mike DiSicouri Phone Number: 86-461-1555

This notice is to advise you that the following pesticides were used at [insert name of school]:

| | | |
|--|----------------------|---|
| Pesticide Common Name <u>PT Cykick CS</u> | Pesticide Trade Name | EPA Registration Number <u>499-470</u> |
| Pesticide Common Name | Pesticide Trade Name | EPA Registration Number |

Location of the pesticide application: Spot treatment to playground

Reason for the pesticide application: Bees

The Date and Time the indoor or outdoor application took place:

DATE 8/28/17 TIME 8:30 AM

Description of the problem and the factors that qualified the problem as an emergency that threatened the health or safety of a student or staff member: _____

Bees, possible stings

If applicable, description of steps to be taken to avoid emergency use of pesticides for this problem in the future: _____

Description of the possible adverse effects of the pesticide(s) as per the Material Safety Data Sheets for the pesticide(s) to be used, if available:

EYE AND/OR SKIN IRRITATION

Pesticide product label instructions and precautions related to public safety:

Keep clear of area until dry.

Note: as required by law, we are advising you of the following statement:

The Office of Pesticide Programs of the United States Environmental Protection Agency has stated: "Where possible, persons who potentially are sensitive, such as pregnant women, infants, and children, should avoid any unnecessary pesticide exposure."

REMEMBER: Whenever a non-low impact pesticide is used on school property there is also a Restricted Entry Interval (REI) that begins when the pesticide application ends. This Restricted Entry Interval last for seven hours unless the product label uses NUMERIC LANGUAGE, e.g., 4hours or 12 hours; directing a longer or shorter period of time for Restricted Entry. If the product label does not discuss Restricted Entry the period of time defaults to seven (7) hours.



We create chemistry

Safety Data Sheet

PT CY-KICK PRESSURIZED INSECTICIDE

Revision date : 2015/10/06
Version: 5.0

Page: 1/14
(30628496/SDS_CPA_US/EN)

1. Identification

Product identifier used on the label

PT CY-KICK PRESSURIZED INSECTICIDE

Recommended use of the chemical and restriction on use

Recommended use*: insecticide

* The "Recommended use" identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

Details of the supplier of the safety data sheet

Company:
BASF CORPORATION
100 Park Avenue
Florham Park, NJ 07932, USA

Telephone: +1 973 245-6000

Emergency telephone number

CHEMTREC: 1-800-424-9300
BASF HOTLINE: 1-800-832-HELP (4357)

Registrant:
Whitmire Micro-Gen Research Laboratories, Inc.
3568 Tree Court Industrial Blvd.
St. Louis, MO 63122

Other means of identification

Substance number: 397135
EPA Registration number: 499-470
Synonyms: Cyfluthrin

2. Hazards Identification

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

Classification of the product

| | | |
|------------|---|-------------------|
| Asp. Tox. | 1 | Aspiration hazard |
| Flam. Liq. | 2 | Flammable liquids |

Safety Data Sheet

PT CY-KICK PRESSURIZED INSECTICIDE

Revision date : 2015/10/06
Version: 5.0

Page: 2/14
(30628496/SDS_CPA_US/EN)

| | | |
|-------------------|---|--|
| Skin Corr./Irrit. | 2 | Skin corrosion/irritation |
| STOT SE | 3 (Vapours may cause drowsiness and dizziness.) | Specific target organ toxicity — single exposure |
| Aquatic Acute | 2 | Hazardous to the aquatic environment - acute |
| Aquatic Chronic | 2 | Hazardous to the aquatic environment - chronic |
| Flam. Aerosol | 1 | Flammable aerosols |

Label elements

Pictogram:



Signal Word:
Danger

Hazard Statement:

| | |
|------|--|
| H222 | Extremely flammable aerosol. |
| H229 | Pressurized container: May burst if heated. |
| H304 | May be fatal if swallowed and enters airways. |
| H401 | Toxic to aquatic life. |
| H411 | Toxic to aquatic life with long lasting effects. |

Precautionary Statements (Prevention):

| | |
|------|--|
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P280 | Wear protective gloves and eye/face protection. |
| P273 | Avoid release to the environment. |
| P271 | Use only outdoors or in a well-ventilated area. |
| P243 | Take precautionary measures against static discharge. |
| P261 | Avoid breathing dust/fume/gas/mist/vapours/spray. |
| P211 | Do not spray on an open flame or other ignition source. |
| P251 | Do not pierce or burn, even after use. |
| P241 | Use explosion-proof electrical/ventilating/lighting/equipment. |
| P242 | Use only non-sparking tools. |
| P240 | Ground/bond container and receiving equipment. |
| P264 | Wash with plenty of water and soap thoroughly after handling. |

Precautionary Statements (Response):

| | |
|--------------------|---|
| P312 | Call a POISON CENTER or doctor/physician if you feel unwell. |
| P303 + P361 + P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. |
| P301 + P310 | IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. |
| P304 + P340 | IF INHALED: Remove person to fresh air and keep comfortable for breathing. |
| P332 + P313 | If skin irritation occurs: Get medical advice/attention. |
| P391 | Collect spillage. |
| P370 + P378 | In case of fire: Use extinguishing powder, foam or CO2 for extinction. |
| P331 | Do NOT induce vomiting. |
| P362 + P364 | Take off contaminated clothing and wash before reuse. |

Precautionary Statements (Storage):

Safety Data Sheet

PT CY-KICK PRESSURIZED INSECTICIDE

Revision date : 2015/10/06
Version: 5.0

Page: 3/14
(30628496/SDS_CPA_US/EN)

P403 + P235 Store in a well-ventilated place. Keep cool.
P233 Keep container tightly closed.
P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/
122°F.
P405 Store locked up.

Precautionary Statements (Disposal):

P501 Dispose of contents/container to hazardous or special waste collection point.

Hazards not otherwise classified

Labeling of special preparations (GHS):

The following percentage of the mixture consists of components(s) with unknown hazards regarding the acute toxicity: 0 - 1 % dermal

The following percentage of the mixture consists of components(s) with unknown hazards regarding the acute toxicity: 1 % oral

The following percentage of the mixture consists of components(s) with unknown hazards regarding the acute toxicity: 3 - 4 % Inhalation - vapour

The following percentage of the mixture consists of components(s) with unknown hazards regarding the acute toxicity: 3 - 4 % Inhalation - mist

According to Regulation 1994 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

Emergency overview

CAUTION:

KEEP OUT OF REACH OF CHILDREN.

KEEP OUT OF REACH OF DOMESTIC ANIMALS.

HARMFUL IF ABSORBED THROUGH SKIN.

Moderately irritating to the eyes.

Prolonged contact may cause allergic skin reactions.

Avoid contact with the skin, eyes and clothing.

Wash thoroughly after handling.

Flammable Liquid

Aerosol container contains flammable gas under pressure.

3. Composition / Information on Ingredients

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

| <u>CAS Number</u> | <u>Weight %</u> | <u>Chemical name</u> |
|-------------------|-----------------|---|
| 68359-37-5 | 0.1 % | Cyfluthrin |
| 64742-47-8 | 75.0 - 100.0% | Distillates (petroleum), hydrotreated light |

According to Regulation 1994 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

| <u>CAS Number</u> | <u>Weight %</u> | <u>Chemical name</u> |
|-------------------|-----------------|---|
| 68359-37-5 | 0.1 % | Cyfluthrin |
| 64742-47-8 | > 10.0% | Distillates (petroleum), hydrotreated light |
| 124-38-9 | <= 89.9% | carbon dioxide |
| | | Proprietary ingredients |

Safety Data Sheet

PT CY-KICK PRESSURIZED INSECTICIDE

Revision date : 2015/10/06
Version: 5.0

Page: 4/14
(30628496/SDS_CPA_US/EN)

4. First-Aid Measures

Description of first aid measures

General advice:

First aid personnel should pay attention to their own safety. If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position). Immediately remove contaminated clothing.

If inhaled:

Keep patient calm, remove to fresh air, seek medical attention.

If on skin:

Immediately wash thoroughly with soap and water, seek medical attention.

If in eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

If swallowed:

Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention. Do not induce vomiting due to aspiration hazard.

Most important symptoms and effects, both acute and delayed

Symptoms: The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11., Further important symptoms and effects are so far not known.
Hazards: Vomiting may cause aspiration pneumonia due to the ingredients.

Indication of any immediate medical attention and special treatment needed

Note to physician

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media:
foam, dry powder, carbon dioxide

Special hazards arising from the substance or mixture

Hazards during fire-fighting:
carbon monoxide, carbon dioxide, nitrogen dioxide, nitrogen oxide, Hydrogen chloride, hydrogen fluoride, halogenated hydrocarbons, halogenated compounds, hydrocarbons
The substances/groups of substances mentioned can be released in case of fire. Aerosol container contains flammable gas under pressure. Risk of explosion at excessive temperatures.

Advice for fire-fighters

Protective equipment for fire-fighting:
Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

Safety Data Sheet

PT CY-KICK PRESSURIZED INSECTICIDE

Revision date : 2015/10/06
Version: 5.0

Page: 5/14
(30628496/SDS_CPA_US/EN)

Further information:

Evacuate area of all unnecessary personnel. Contain contaminated water/firefighting water. Do not allow to enter drains or waterways.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Do not breathe vapour/spray. Use personal protective clothing. Avoid contact with the skin, eyes and clothing.

Environmental precautions

Do not discharge into the subsoil/soil. Do not discharge into drains/surface waters/groundwater. Contain contaminated water/firefighting water. A spill of or in excess of the reportable quantity requires notification to state, local and national emergency authorities. This product is not regulated by CERCLA ('Superfund').

Methods and material for containment and cleaning up

Dike spillage. Pick up with suitable absorbent material. Spilled substance/product should be recovered and applied according to label rates whenever possible. If application of spilled substance/product is not possible, then spills should be contained, solidified, and placed in suitable containers for disposal. After decontamination, spill area can be washed with water. Collect wash water for approved disposal.

7. Handling and Storage

Precautions for safe handling

RECOMMENDATIONS ARE FOR MANUFACTURING, COMMERCIAL BLENDING, AND PACKAGING WORKERS. PESTICIDE APPLICATORS & WORKERS must refer to the Product Label and Directions for Use attached to the product. Provide good ventilation of working area (local exhaust ventilation if necessary). Keep away from sources of ignition - No smoking. Keep container tightly sealed. Protect against heat. Handle and open container with care. Do not open until ready to use. Once container is opened, content should be used as soon as possible. Provide means for controlling leaks and spills. Follow label warnings even after container is emptied. The substance/product may be handled only by appropriately trained personnel. Avoid all direct contact with the substance/product. Avoid contact with the skin, eyes and clothing. Avoid inhalation of dusts/mists/vapours. Wear suitable personal protective clothing and equipment.

Protection against fire and explosion:

The relevant fire protection measures should be noted. Fire extinguishers should be kept handy. Avoid all sources of ignition: heat, sparks, open flame. Avoid extreme heat. Ground all transfer equipment properly to prevent electrostatic discharge. Electrostatic discharge may cause ignition.

Conditions for safe storage, including any incompatibilities

Segregate from incompatible substances. Segregate from foods and animal feeds. Segregate from textiles and similar materials.

Further information on storage conditions: Protect containers from physical damage. Store in a cool, dry, well-ventilated area. Avoid all sources of ignition: heat, sparks, open flame.

Protect from temperatures above: 130 °F

Explosive at or above indicated temperature.

Safety Data Sheet

PT CY-KICK PRESSURIZED INSECTICIDE

Revision date : 2015/10/06
Version: 5.0

Page: 6/14
(30628496/SDS_CPA_US/EN)

8. Exposure Controls/Personal Protection

Users of a pesticidal product should refer to the product label for personal protective equipment requirements.

Components with occupational exposure limits

| | | |
|---|-----------|---|
| carbon dioxide | OSHA PEL | PEL 5,000 ppm 9,000 mg/m ³ ; TWA value 10,000 ppm 18,000 mg/m ³ ; STEL value 30,000 ppm 54,000 mg/m ³ ; |
| | ACGIH TLV | TWA value 5,000 ppm ; STEL value 30,000 ppm ; |
| Distillates (petroleum), hydrotreated light | ACGIH TLV | TWA value 200 mg/m ³ Non-aerosol (total hydrocarbon vapor); Application restricted to conditions in which there are negligible aerosol exposures. Skin Designation Non-aerosol (total hydrocarbon vapor); The substance can be absorbed through the skin. |

Advice on system design:

Whenever possible, engineering controls should be used to minimize the need for personal protective equipment.

Personal protective equipment

RECOMMENDATIONS FOR MANUFACTURING, COMMERCIAL BLENDING, AND PACKAGING WORKERS:

Respiratory protection:

Wear respiratory protection if ventilation is inadequate. Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator. For situations where the airborne concentrations may exceed the level for which an air purifying respirator is effective, or where the levels are unknown or Immediately Dangerous to Life or Health (IDLH), use NIOSH-certified full facepiece pressure demand self-contained breathing apparatus (SCBA) or a full facepiece pressure demand supplied-air respirator (SAR) with escape provisions.

Hand protection:

Chemical resistant protective gloves, Protective glove selection must be based on the user's assessment of the workplace hazards.

Eye protection:

Safety glasses with side-shields. Tightly fitting safety goggles (chemical goggles). Wear face shield if splashing hazard exists.

Body protection:

Body protection must be chosen depending on activity and possible exposure, e.g. head protection, apron, protective boots, chemical-protection suit.

General safety and hygiene measures:

RECOMMENDATIONS FOR MANUFACTURING, COMMERCIAL BLENDING, AND PACKAGING WORKERS Wear long sleeved work shirt and long work pants in addition to other stated personal protective equipment. Work place should be equipped with a shower and an eye wash. Handle in accordance with good industrial hygiene and safety practice. Personal protective equipment should be decontaminated prior to reuse. Gloves must be inspected regularly and prior to each use.

Safety Data Sheet

PT CY-KICK PRESSURIZED INSECTICIDE

Revision date : 2015/10/06
Version: 5.0

Page: 7/14
(30628496/SDS_CPA_US/EN)

Replace if necessary (e.g. pinhole leaks). Take off immediately all contaminated clothing. Store work clothing separately. Hands and/or face should be washed before breaks and at the end of the shift. No eating, drinking, smoking or tobacco use at the place of work. Keep away from food, drink and animal feeding stuffs.

9. Physical and Chemical Properties

| | |
|---|--|
| Form: | aerosol |
| Odour: | characteristic |
| Odour threshold: | Not determined due to potential health hazard by inhalation. |
| Colour: | clear |
| pH value: | approx. 8 - 10 (25 °C) |
| flow point: | approx. -50 °C Information applies to the solvent. |
| Boiling point: | approx. 193 - 245 °C Information applies to the solvent. |
| Flash point: | approx. 18.3 °C |
| Flammability: | Extremely flammable. |
| NFPA 30B flammability: | Level 3 Aerosol |
| Lower explosion limit: | As a result of our experience with this product and our knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance with the intended use. |
| Upper explosion limit: | As a result of our experience with this product and our knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance with the intended use. |
| Autoignition: | approx. 220 - 250 °C Information applies to the solvent. |
| Vapour pressure: | approx. 57258 hPa (20 °C) Information applies to the propellant. |
| Density: | approx. 0.79 g/cm ³ (20 °C) |
| Vapour density: | not applicable |
| Partitioning coefficient n-octanol/water (log Pow): | not applicable |
| Thermal decomposition: | carbon monoxide, carbon dioxide, nitrogen dioxide, nitrogen oxide, Hydrogen chloride, hydrogen fluoride, halogenated hydrocarbons, Hydrocarbons Stable at ambient temperature. If product is heated above decomposition temperature toxic vapours may be released. To avoid thermal decomposition, do not overheat. |
| Viscosity, dynamic: | approx. 1.84 mPa.s |
| Solubility in water: | dispersible |
| Evaporation rate: | not applicable |
| Other Information: | If necessary, information on other physical and chemical parameters is indicated in this section. |

Safety Data Sheet

PT CY-KICK PRESSURIZED INSECTICIDE

Revision date : 2015/10/06
Version: 5.0

Page: 8/14
(30628496/SDS_GPA_US/EN)

10. Stability and Reactivity

Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

Corrosion to metals:

Corrosive effects to metal are not anticipated.

Oxidizing properties:

Based on its structural properties the product is not classified as oxidizing.

Chemical stability

The product is stable if stored and handled as prescribed/indicated.

Possibility of hazardous reactions

The product is chemically stable.

Conditions to avoid

Avoid all sources of ignition: heat, sparks, open flame. Avoid prolonged storage. Avoid electro-static discharge. Avoid contamination. Avoid prolonged exposure to extreme heat. Avoid extreme temperatures.

Incompatible materials

strong acids, strong oxidizing agents, strong bases

Hazardous decomposition products

Decomposition products:

No hazardous decomposition products if stored and handled as prescribed/indicated., Prolonged thermal loading can result in products of degradation being given off.

Thermal decomposition:

Possible thermal decomposition products:

carbon monoxide, carbon dioxide, nitrogen dioxide, nitrogen oxide, Hydrogen chloride, hydrogen fluoride, halogenated hydrocarbons, Hydrocarbons

Stable at ambient temperature. If product is heated above decomposition temperature toxic vapours may be released. To avoid thermal decomposition, do not overheat.

11. Toxicological information

Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Acute Toxicity/Effects

Acute toxicity

Assessment of acute toxicity: Relatively nontoxic after single ingestion. Slightly toxic after short-term skin contact. Relatively nontoxic after short-term inhalation.

Oral

Type of value: LD50

Species: rat

Value: > 5,000 mg/kg

Safety Data Sheet

PT CY-KICK PRESSURIZED INSECTICIDE

Revision date : 2015/10/06
Version: 5.0

Page: 9/14
(30628496/SDS_GPA_US/EN)

Inhalation

Type of value: LC50
Species: rat
Value: > 6.53 mg/l
An aerosol was tested.
No mortality was observed.

Dermal

Type of value: LD50
Species: rabbit
Value: > 2,000 mg/kg
No mortality was observed.

Assessment other acute effects

Assessment of STOT single:
Based on the available information there is no specific target organ toxicity to be expected after a single exposure.

The product has not been tested. The statement has been derived from the properties of the individual components.

Irritation / corrosion

Assessment of irritating effects: Not irritating to the skin. Not irritating to the eyes.

Skin

Species: rabbit
Result: non-irritant

Eye

Species: rabbit
Result: non-irritant

Sensitization

Assessment of sensitization: Skin sensitizing effects were not observed in animal studies.

modified Buehler test
Species: guinea pig
Result: Non-sensitizing.

Chronic Toxicity/Effects

Repeated dose toxicity

Assessment of repeated dose toxicity: The product has not been tested. The statement has been derived from the properties of the individual components. No substance-specific organotoxicity was observed after repeated administration to animals.

Genetic toxicity

Assessment of mutagenicity: The product has not been tested. The statement has been derived from the properties of the individual components. Mutagenicity tests revealed no genotoxic potential.

Carcinogenicity

Assessment of carcinogenicity: The product has not been tested. The statement has been derived from the properties of the individual components.

Information on: Distillates (petroleum), hydrotreated light

Assessment of carcinogenicity: Long-term exposure to highly irritating concentrations resulted in skin tumors in animals. A carcinogenic effect in humans can be excluded after brief skin contact. The

Safety Data Sheet

PT CY-KICK PRESSURIZED INSECTICIDE

Revision date : 2015/10/06
Version: 5.0

Page: 10/14
(30628496/SDS_CPA_US/EN)

product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Reproductive toxicity

Assessment of reproduction toxicity: The product has not been tested. The statement has been derived from the properties of the individual components. The results of animal studies gave no indication of a fertility impairing effect.

Teratogenicity

Assessment of teratogenicity: The product has not been tested. The statement has been derived from the properties of the individual components. Animal studies gave no indication of a developmental toxic effect at doses that were not toxic to the parental animals.

Other Information

Misuse can be harmful to health.
Has a degreasing effect on skin.

Symptoms of Exposure

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11., Further important symptoms and effects are so far not known.

12. Ecological Information

Toxicity

Aquatic toxicity

Assessment of aquatic toxicity:

Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.

The product has not been tested. The statement has been derived from the properties of the individual components.

Toxicity to fish

Information on: cyfluthrin

LC50 (96 h) 0.00047 mg/l, Oncorhynchus mykiss

LC50 (48 h) 0.00068 mg/l, Oncorhynchus mykiss

Information on: Distillates (petroleum), hydrotreated light

LL50 (96 h) 2 - 5 mg/l, Oncorhynchus mykiss (OECD Guideline 203, semistatic)

The product has low solubility in the test medium. A saturated solution has been tested. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition. Nominal values (confirmed by concentration control analytics)

Aquatic invertebrates

Information on: cyfluthrin

EC50 (48 h) 0.00016 mg/l, Daphnia magna

Information on: Distillates (petroleum), hydrotreated light

EL50 (48 h) 1.4 mg/l, Daphnia magna (OECD Guideline 202, part 1, static)

Safety Data Sheet

PT CY-KICK PRESSURIZED INSECTICIDE

Revision date : 2015/10/06
Version: 5.0

Page: 11/14
(30628496/SDS_CPA_US/EN)

The details of the toxic effect relate to the nominal concentration. The product has low solubility in the test medium. A saturated solution has been tested. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Aquatic plants

*Information on: cyfluthrin
EC50 (96 h) > 10 mg/l, Scenedesmus subspicatus*

*Information on: Distillates (petroleum), hydrotreated light
EL50 (72 h) 1 - 3 mg/l (growth rate), Pseudokirchneriella subcapitata (OECD Guideline 201, static)
The details of the toxic effect relate to the nominal concentration. The product has low solubility in the test medium. A saturated solution has been tested. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.
No observed effect concentration (72 h) 1 mg/l (growth rate), Pseudokirchneriella subcapitata (OECD Guideline 201, static)
The details of the toxic effect relate to the nominal concentration. The product has low solubility in the test medium. A saturated solution has been tested. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.*

Persistence and degradability

Assessment biodegradation and elimination (H₂O)

Information on: cyfluthrin

According to OECD criteria the product is not readily biodegradable but inherently biodegradable.

Bioaccumulative potential

Assessment bioaccumulation potential

The product has not been tested. The statement has been derived from the properties of the individual components.

Assessment bioaccumulation potential

Information on: Distillates (petroleum), hydrotreated light;

Because of the n-octanol/water distribution coefficient (log Pow) accumulation in organisms is possible.

Accumulation in organisms is expected.

Mobility in soil

Assessment transport between environmental compartments

The product has not been tested. The statement has been derived from the properties of the individual components.

Information on: cyfluthrin

Following exposure to soil, the product trickles away and can - dependant on degradation - be transported to deeper soil areas with larger water loads.

Safety Data Sheet

PT CY-KICK PRESSURIZED INSECTICIDE

Revision date : 2015/10/06
Version: 5.0

Page: 12/14
(30628496/SDS_CPA_US/EN)

Additional Information

Other ecotoxicological advice:
Do not discharge product into the environment without control.

13. Disposal considerations

Waste disposal of substance:

Pesticide wastes are regulated. If pesticide wastes cannot be disposed of according to label instructions, contact the State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container disposal:

Do not cut, puncture, crush, or incinerate empty aerosol containers. Consult state or local disposal authorities for approved alternative procedures such as container recycling. Empty aerosol cans may meet the definition of RCRA D003. Consult local and/or regional EPA for further guidance.

14. Transport Information

Land transport

USDOT

| | |
|-----------------------|-----------|
| Hazard class: | 2.1 |
| ID number: | UN 1950 |
| Hazard label: | 2.1, EHSM |
| Proper shipping name: | AEROSOLS |

Sea transport

IMDG

| | |
|-----------------------|-----------|
| Hazard class: | 2.1 |
| ID number: | UN 1950 |
| Hazard label: | 2.1, EHSM |
| Marine pollutant: | YES |
| Proper shipping name: | AEROSOLS |

Air transport

IATA/ICAO

| | |
|-----------------------|---------------------|
| Hazard class: | 2.1 |
| ID number: | UN 1950 |
| Hazard label: | 2.1 |
| Proper shipping name: | AEROSOLS, FLAMMABLE |

Further information

DOT: This product may be classified as ORM-D (Consumer Commodity) or Limited Quantity. After 12/31/2020, ORM-D will not apply.

15. Regulatory Information

Federal Regulations

Registration status:

Chemical TSCA, US blocked / not listed

Safety Data Sheet

PT CY-KICK PRESSURIZED INSECTICIDE

Revision date : 2015/10/06
Version: 5.0

Page: 13/14
(30628496/SDS_CPA_US/EN)

Crop Protection TSCA, US released / exempt

EPCRA 311/312 (Hazard categories): Acute; Fire; Sudden release of pressure

State regulations

| <u>State RTK</u> | <u>CAS Number</u> | <u>Chemical name</u> |
|------------------|-------------------|---|
| PA | 124-38-9 | carbon dioxide |
| | 64742-47-8 | Distillates (petroleum), hydrotreated light |
| MA | 124-38-9 | carbon dioxide |
| | 64742-47-8 | Distillates (petroleum), hydrotreated light |
| NJ | 124-38-9 | carbon dioxide |
| | 64742-47-8 | Distillates (petroleum), hydrotreated light |

NFPA Hazard codes:

Health : 1 Fire: 4 Reactivity: 1 Special:

Labeling requirements under FIFRA

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label.

CAUTION:

KEEP OUT OF REACH OF CHILDREN.

KEEP OUT OF REACH OF DOMESTIC ANIMALS.

HARMFUL IF ABSORBED THROUGH SKIN.

May cause moderate but temporary irritation to the eyes.

Prolonged or repeated skin contact may cause sensitization or allergic reactions.

Avoid contact with the skin, eyes and clothing.

Wash thoroughly after handling.

Flammable Liquid

Aerosol container contains flammable gas under pressure.

16. Other Information

SDS Prepared by:

BASF NA Product Regulations

SDS Prepared on: 2015/10/06

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Safety Data Sheet

PT CY-KICK PRESSURIZED INSECTICIDE

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Page: 14/14
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END OF DATA SHEET

PT[®] Cy-Kick[®]

Pressurized Insecticide

SPECIMEN

KILLS: Ants, Bed Bugs, Booklice, Boxelder Bugs, Carpenter Ants, Carpenter Bees, Centipedes, Chocolate Moths, Clover Mites, Cluster Flies, Cockroaches, Crickets, Dermestids, Drugstore Beetles, Earwigs, Elm Leaf Beetles, Flour Beetles, Grain Weevils, Millipedes, Scorpions, Silverfish, Sowbugs, Spiders, Springtails, Termites*, Ticks, Trogoderma (Cabinet, Khapra, and Warehouse Beetles), Wood-infesting Borers and Beetles and Wood Wasps

*Not a substitute for mechanical alteration, soil or foundation treatment.

FOR USE IN AND AROUND: Apartments[†], Campgrounds, Food Storage Areas, Homes[†], Hospitals*, Hotels, Meat Packing and Food Processing Plants, Motels, Nursing Homes*, Resorts, Restaurants and other Food Handling Establishments, Schools**, Supermarkets, Transportation Equipment (Buses, Boats, Ships, Trains, Trucks and Planes^{††}), Utilities, Warehouses and other Commercial and Industrial Buildings

*Remove patients before using. After treatment, ventilate rooms for 30 minutes before returning patients to rooms.

****DO NOT** apply to classrooms when in use. **DO NOT** apply to institutions (including libraries, sport facilities, etc.) in the immediate area when occupants are present.

[†]In the home, all food processing surfaces and utensils in the treatment area should be covered during treatment or thoroughly washed before use. Exposed food in the treatment area should be covered or removed.

^{††}**DO NOT** apply in aircraft cabins.

ACTIVE INGREDIENT:

Cyfluthrin 0.1%

OTHER INGREDIENTS: 99.9%

TOTAL: 100.0%

Contains petroleum distillate.

EPA Reg. No. 499-470

EPA Est. No.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

NET CONTENTS:

BASF Corporation
26 Davis Drive
Research Triangle Park, NC 27709



We create chemistry

| FIRST AID | |
|---|---|
| If swallowed | <ul style="list-style-type: none"> • Immediately call a poison control center or doctor. • DO NOT induce vomiting unless told to do so by a poison control center or doctor. • DO NOT give ANY liquid to the person. • DO NOT give anything by mouth to an unconscious person. |
| If inhaled | <ul style="list-style-type: none"> • 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 center or doctor for further treatment advice. |
| If on skin or clothing | <ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes. • Call a poison control center or doctor for treatment advice. |
| If in eyes | <ul style="list-style-type: none"> • Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. • Call a poison control center or doctor for treatment advice. |
| HOTLINE NUMBER | |
| Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also call 1-800-832-HELP for emergency medical treatment information. | |
| NOTE TO PHYSICIAN: Contains petroleum distillate - vomiting may cause aspiration pneumonia. No specific antidote is available. Treat the patient symptomatically. | |

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and other wildlife. **DO NOT** apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. **DO NOT** contaminate water by cleaning of equipment or disposal of equipment washwaters. Apply this product only as specified on the label. Spray will damage plant foliage.

PHYSICAL OR CHEMICAL HAZARDS

Flammable. Contents under pressure. Keep away from heat, sparks and open flame. **DO NOT** puncture or incinerate container. **DO NOT** use or store near heat or open flame. Exposure to temperatures above 130°F may cause bursting. **DO NOT** spray on plastic, painted or varnished surfaces. **DO NOT** spray directly into any electronic equipment such as radios, televisions, computers, etc.

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

HOW TO USE BASF CRACK & CREVICE® INJECTION SYSTEM

CRACK & CREVICE TREATMENT: Use with the supplied actuator and injection tubes or other BASF equipment. Inject into cracks and crevices or void spaces where insects may be harboring, living and breeding. Place injector tip into cracks, crevices, holes and other small openings. Release approximately 1 sec of product. For light infestations, move injector tip along cracks while treating at the rate of 3 In ft/sec. For heavy infestations, move injector tip along at 1 In ft/sec. For closed voids, calculate the void's cubic area and treat at the rate of 1 to 5 sec/3ft³. Several holes may be required in long-running voids.

SPOT TREATMENT: Use with the supplied actuator and injection tubes or other BASF equipment. Hold container upright while spraying. Direct nozzle approximately 12" from surface to be treated. Apply directly on insects in these locations when possible.

INDOOR TREATMENTS

CRAWLING INSECTS (INCLUDING COCKROACHES, DERMESTIDS, SCORPIONS, SPIDERS, EARWIGS, CRICKETS, SOWBUGS, MILLIPEDES AND CENTIPEDES): Apply as a Crack & Crevice treatment using the prescribed dosage into cracks, crevices and void spaces where insects may be harboring. These may include, but are not limited to, openings around pipes and sinks, under refrigerators, behind baseboards, washing machines, stoves, cabinets, sewers, floor drains and meter boxes. Spot treatment may also be made to areas including, but not limited to, storage areas; closets; around water pipes, doors and windows; around refrigerators, cabinets,

sinks, stoves and other equipment; shelves, drawers and similar areas.

TICKS: Apply as a Crack & Crevice treatment or spot treatment into infested and egg laying sites near pet resting areas including, but not limited to, cracks and crevices of baseboards and around door and window frames.

BOOKLICE & SILVERFISH: Apply as a Crack & Crevice treatment into cracks and crevices of baseboards, door frames, bookcases and other harborage sites. Spot treatment may also be made to areas including, but not limited to, storage areas; closets; around water pipes, doors and windows; around refrigerators, cabinets, sinks, stoves and other equipment; shelves, drawers and similar areas.

ANTS: Apply as a Crack & Crevice treatment into cracks, crevices and voids where ants may be traveling and/or harboring, including, but not limited to, around doors, window frames, wall voids and other structural cracks and crevices. Spot treatment may also be made to areas including, but not limited to, storage areas; closets; around water pipes, doors and windows; around refrigerators, cabinets, sinks, stoves and other equipment; shelves, drawers and similar areas.

BED BUGS: Apply to cracks and crevices where evidence of bed bugs occurs. This includes bed frames, box springs, inside empty dressers and clothes closets, carpet edges, high and low wall moldings and wallpaper edges.

DO NOT use this product on mattresses, pillows, bed linens or clothes. Remove all clothes and other articles from dressers or clothes closets before application. Allow all treated areas to dry thoroughly before use. Not recommended for use as sole protection against bed bugs. If evidence of bed bugs is found in/on mattresses use products approved for this use.

GRAIN WEEVILS, FLOUR BEETLES, CHOCOLATE MOTHS, DRUGSTORE BEETLES, TROGODERMAS (in exposed adult and larval stages) AND HIBERNATING STAGES OF BOXELDER BUGS, ELM LEAF BEETLES, CLUSTER FLIES AND CLOVER MITES: Apply as a Crack & Crevice treatment into cracks, crevices and/or voids where these insects may be harboring or hibernating. Infested areas may include, but are not limited to, cracks and crevices in cabinets and pantries, wall voids, around window and door frames, under siding and in machinery. Spot treatment may also be made to areas including, but not limited to, storage areas; closets; around water pipes, doors and windows; around refrigerators, cabinets, sinks, stoves and other equipment; shelves, drawers and similar areas.

APPLICATIONS IN FOOD HANDLING ESTABLISHMENTS

Food handling establishments are places other than private residences in which food is held, processed, prepared or served.

FOOD AREAS: Includes areas for receiving, storage, packing (canning, bottling, wrapping, boxing), preparing,

edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups). Serving areas (when food is exposed and facility is in operation) are also considered food areas.

Apply as a Crack & Crevice treatment or spot treatment directly into cracks, crevices, voids or onto surfaces where insects are resting. Use an injection tube or other BASF equipment capable of delivering a pinstream. Apply to different elements of construction; between equipment and floor; openings leading to hollow spaces in walls, equipment legs and bases; and where insects hide or rest. Cover exposed food or remove food from premises.

DO NOT apply directly to food.

Reapplication may be made at 10 day intervals. Limit individual spot treatments to an area no larger than 20% of the treated surface. Individual spot treatments should not exceed 2ft².

NON-FOOD AREAS: Includes areas such as garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage areas (after canning or bottling).

Apply as a Crack & Crevice treatment or spot treatment to selective surfaces such as baseboards, under elements of construction, into cracks and crevices. Avoid treating surfaces likely to be contacted by food.

INDOOR AND OUTDOOR TREATMENTS

WOOD DESTROYING INSECTS - LOCALIZED TREATMENT OF WOOD-INFESTING INSECTS: To treat Beetles and Borers (such as the following families: Anobiidae, Bostrichidae, Buprestidae, Cerambycidae, Lyctidae, Oedemeridae, Sesiidae), Carpenter Ants, Carpenter Bees, Termites and Wood Wasps, locate suspected infestation and/or insect tunnels and cavities. Drill pilot holes into insect tunnels, galleries and inaccessible closed voids. Drill holes 8 to 10" apart to ensure thorough coverage. Inject 5 to 10 sec/hole. **DO NOT** contact electrical wiring, plumbing, etc. when drilling and never use metal wood injectors where electrical shock could occur. Use a BASF standard plastic void injector if there is danger of electrical contact. For carpenter bees, seal bee entrances after application. This treatment is intended for localized termite infestations only. The purpose of such applications is to kill workers or winged reproductive forms which may be present in the treated channels at the time of treatment. Such applications are not a substitute for mechanical alteration, soil treatment, or foundation treatment but are merely a supplement. For active termite infestations, get a professional inspection.

FOR ACTIVE AND HIBERNATING STAGES OF BOXELDER BUGS, ELM LEAF BEETLES, CLUSTER FLIES AND CLOVER MITES: Apply as a Crack & Crevice treatment into cracks and crevices and/or voids where these insects may be harboring or hibernating. Infested areas may include, but are not limited to, cracks and

crevices, behind siding, wall voids, around window and door frames.

OUTDOOR TREATMENTS

SUBTERRANEAN ANTS SUCH AS ARGENTINE ANTS and HARVESTER ANTS: Inject the nest at 3 to 6 sites at a rate of 5 to 10 sec/site. For very large nests (over 36" diameter), increase the number of injection sites. Space injection sites in a circular pattern on the nest surface with 1 site in the center. To quiet active ants on nest surface, sweep surface with spray from a distance of 12". For best results, apply when temperature is 65 to 85°F, or in early morning or late evening hours. Treat new nests as they appear.

PERIMETER TREATMENT: For crawling insects, apply as a Crack & Crevice or spot treatment into cracks and crevices where insects may enter premises or harbor. Areas to be treated may include, but are not limited to, weep holes, under siding, wall voids, soffits, around attic vents, cracks and crevices and openings around windows, doors and pipes. Treatment of infested fences and tree holes is permitted.

TERMITES AND CARPENTER ANTS LIVING INSIDE

TREES: Determine the highest and lowest elevation of the colony. Drill holes into colony at highest elevation and inject 5 to 10 sec. Do the same for lowest elevation. Drill intermediate holes every 4 ft between the upper and lower elevations if required.

AERIAL TERMITE CARTON IN TREES: Drill or punch hole into center of carton. Inject for 5 to 10 sec. If carton is greater than 12" across, open another injection site. Inject for 5 to 10 sec. Make one additional injection site for each 12" of carton.

TERMITES AND CARPENTER ANTS IN STUMPS, UTILITY POLES AND FENCES: Treat open holes or drill horizontal holes in a circular pattern where insects are suspected. Inject 2 to 5 sec of product per hole.

TREATMENT FOR IN-GROUND SERVICE BOXES:

Ants, Centipedes, Clover Mites, Cockroaches, Crickets, Earwigs, Millipedes, Scorpions, Silverfish, Sowbugs, Spiders (such as Black Widow and Brown Recluse) and Springtails. Use BASF spray actuator with injection tube to treat open boxes and exposed surfaces. **DO NOT** contact any electrical wiring or mechanical parts of meter.

STORAGE & DISPOSAL

DO NOT contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Store in a cool, dry area away from heat or open flame and inaccessible to children.

PESTICIDE DISPOSAL: Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: DO NOT puncture or incinerate! Empty container by using the product in accordance with the label directions. Offer empty container for recycling, if available, or place in trash if allowed by state and local regulations. If container is partly full, contact your local solid waste agency for disposal instructions.

Contains no CFCs or other ozone depleting substances.

Federal regulations prohibit CFC propellants in aerosols.



CONDITIONS OF SALE AND WARRANTY

Follow the **Directions for Use**. It is impossible to eliminate all risks inherently associated with use of this product, and therefore all such risk shall be assumed by the Buyer. BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions for Use**, subject to the inherent risks, referred to above. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW:**

(A) BASF MAKES NO OTHER WARRANTIES EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY, (B) BUYER'S EXCLUSIVE REMEDY AND BASF'S AND SELLER'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT, AND (C) BASF AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, INCIDENTAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

BASF and the Seller offer this product, and the Buyer accepts it, subject to these **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of BASF.

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