

Coragen® insecticide

Version 1.0

Revision Date 03/01/2018

Ref. 130000027866

This SDS adheres to the standards and regulatory requirements of Canada and may not meet the regulatory requirements in other countries.

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Coragen® insecticide
Tradename/Synonym : Coragen SC
DPX-E2Y45 SC
DPX-E2Y45 20SC
Rynaxypyr 20SC
Rynaxypyr SC
Premio 20 SC
CHLORANTRANILIPROLE: 3-Bromo-N-[4-chloro-2-methyl-6-
[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-1H
-pyrazole-5-carboxamide
Premio 20SC
CHLORANTRANILIPROLE 200SC

SDS Number : 130000027866

Product Use : Insecticide

Manufacturer/Supplier : FMC Corporation
2929 Walnut Street
Philadelphia, PA 19104
(215) 299-6000 (General Information)
msdsinfo@fmc.com (E-Mail General Information)

Medical Emergency : 1 800 / 331-3148 (ProPharma Group - U.S.A. & Canada)
1 651 / 632-6793 (ProPharma Group - All Other Countries - Collect)
For leak, fire, spill or accident emergencies, call:
1 800 / 424 9300 (CHEMTREC - U.S.A.)
1 703 / 741-5970 (CHEMTREC - International)
1 703 / 527 3887 (CHEMTREC - Alternate)

SECTION 2. HAZARDS IDENTIFICATION

Potential Health Effects

Eyes

Chlorantraniliprole : May cause: transient irritation with discomfort

Carcinogenicity

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None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, or OSHA, as a carcinogen.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Component | CAS-No. | Concentration |
|---------------------|-------------|---------------|
| Chlorantraniliprole | 500008-45-7 | 18.4 % |
| Other Ingredients | | 81.6 % |

SECTION 4. FIRST AID MEASURES

- Skin contact : The material is not likely to be hazardous by skin contact, but cleaning the skin after use is advisable.
- Eye contact : The material is not likely to be hazardous by eye contact, but flushing the eye if contact occurs is advisable. Consult a physician if necessary.
- Inhalation : No specific intervention is indicated as the compound is not likely to be hazardous. Consult a physician if necessary.
- Ingestion : No specific intervention is indicated as the compound is not likely to be hazardous. Consult a physician if necessary.
- General advice : Have the product container or label with you when calling a poison control center or doctor, or going for treatment.
See Section 1 for emergency phone numbers. See Label for Additional Precautions and Directions for Use.

SECTION 5. FIREFIGHTING MEASURES

- Flammable Properties
- Flash point : No flash up to boiling point.

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- Fire and Explosion Hazard : The product is not flammable.
- Suitable extinguishing media : Water spray, Foam, Dry chemical, Carbon dioxide (CO2)
- Unsuitable extinguishing media : High volume water jet, (contamination risk)
- Firefighting Instructions : In the event of fire, wear self-contained breathing apparatus. Wear full protective equipment.
(on small fires) If area is heavily exposed to fire and if conditions permit, let fire burn itself out since water may increase the area contaminated. Cool containers/tanks with water spray.
Control Runoff.

SECTION 6. ACCIDENTAL RELEASE MEASURES

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

- Safeguards (Personnel) : Evacuate personnel to safe areas. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Wear suitable protective equipment.
- Spill Cleanup : Soak up with sawdust, sand, oil dry or other absorbent material. Dispose of in an approved container.
If liquid has been spilt in large quantities clean up promptly by scoop or vacuum.
- Accidental Release Measures : Prevent material from entering sewers, waterways, or low areas.
Never return spills in original containers for re-use. Dispose of in accordance with local regulations.

SECTION 7. HANDLING AND STORAGE

- Handling (Personnel) : Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing/PPE immediately if material gets inside. Wash thoroughly and put on clean clothing.
- Handling (Physical Aspects) : The product is not flammable.

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Storage : Store in original container. Keep containers tightly closed in a cool, well-ventilated place. Do not contaminate water, other pesticides, fertilizer, food or feed in storage. Not for use or storage in or around the home. Keep out of the reach of children.

Storage temperature : > 0 °C (> 32 °F)

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls : Use only with adequate ventilation.

Personal protective equipment

Respiratory protection : See skin and body protection

Hand protection : Additional protection: See skin and body protection

Eye protection : See skin and body protection

Skin and body protection : Applicators and other handlers must wear:
 Long sleeved shirt and long pants
 Shoes plus socks
 Applicators and other handlers of the diluted material must wear: shirt, pants, socks and shoes.
 Personal protective equipment required for early entry:
 Long sleeved shirt and long pants
 Shoes plus socks

Protective measures : Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Exposure Guidelines

Exposure Limit Values

No data available

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Form : liquid, suspension
 Color : white
 Odor : alcohol-like
 pH : 5 - 9 at 10 g/l
 Oxidizing Substance : The product is not oxidizing.
 Specific gravity : 1.08 - 1.10

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Water solubility : dispersible
Solubility(ies) : slightly soluble
Viscosity : 400 - 800 mPa.s
30 rpm

SECTION 10. STABILITY AND REACTIVITY

Stability : Stable at normal temperatures and storage conditions.

Incompatibility : No materials to be especially mentioned.

Hazardous decomposition products : Nitrogen oxides, carbon monoxide and unidentified organic compounds may be formed upon combustion.

Hazardous reactions : Polymerization will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

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Inhalation 4 h LC50 : > 2 mg/l , Rat

Dermal LD50 : > 5,000 mg/kg , Rat

Oral LD50 : > 5,000 mg/kg , Rat

Skin irritation : No skin irritation, Rabbit

Eye irritation : No eye irritation, Rabbit

Sensitisation : Animal test did not cause sensitization by skin contact., mice

Chlorantraniliprole

Repeated dose toxicity : Oral
multiple species

No toxicologically significant effects were found.

Dermal
Rat

No toxicologically significant effects were found.

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| | | |
|-----------------------|---|---|
| Carcinogenicity | : | Animal testing did not show any carcinogenic effects. Not classifiable as a human carcinogen. |
| Mutagenicity | : | Animal testing did not show any mutagenic effects. Tests on bacterial or mammalian cell cultures did not show mutagenic effects. |
| Reproductive toxicity | : | No toxicity to reproduction Animal testing showed no reproductive toxicity. |
| Teratogenicity | : | Animal testing showed no developmental toxicity. |

SECTION 12. ECOLOGICAL INFORMATION

Aquatic Toxicity

Coragen® insecticide

| | | |
|------------|---|---|
| 96 h LC50 | : | Lepomis macrochirus (Bluegill sunfish) > 9.9 mg/l |
| 72 h ErC50 | : | Pseudokirchneriella subcapitata (green algae) > 20 mg/l |
| 48 h EC50 | : | Daphnia magna (Water flea) 0.035 mg/l |

Additional ecological information : Environmental Hazards: Do not apply directly to water. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. See product label for additional application instructions relating to environmental precautions.

SECTION 13. DISPOSAL CONSIDERATIONS

| | | |
|---------------------|---|--|
| Waste Disposal | : | Do not contaminate water, food or feed by disposal. Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility. |
| Container disposal: | : | Refer to the product label for instructions. Do not transport if this container is damaged or leaking. |

SECTION 14. TRANSPORT INFORMATION

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| | | |
|--------|----------------------|--|
| IATA_C | UN number | : 3082 |
| | Proper shipping name | : Environmentally hazardous substance, liquid, n.o.s. (Chlorantraniliprole) |
| | Class | : 9 |
| | Packing group | : III |
| | Labelling No. | : 9MI |
| IMDG | UN number | : 3082 |
| | Proper shipping name | : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Chlorantraniliprole) |
| | Class | : 9 |
| | Packing group | : III |
| | Labelling No. | : 9 |

Not regulated by TDG when transported solely on land by road or railway vehicle.

Marine Pollutants assigned UN number 3077 and 3082 in single or combination packaging containing a net quantity per single or inner packaging of 5 L or less for liquids or having a net mass per single or inner packaging of 5 KG or less for solids may be transported as non-dangerous goods as provided in section 2.10.2.7 of IMDG code, IATA special provision A197, and ADR/RID special provision 375.

SECTION 15. REGULATORY INFORMATION

| | |
|--------------------|---|
| PCP Registration # | : 28982 |
| Remarks | : Regulated under the Pest Control Products Act - WHMIS exempt. |

SECTION 16. OTHER INFORMATION

MSDS preparation date : 03/01/2018

® Registered trademark of FMC Corporation.

| | |
|----------------|---|
| Contact person | : FMC Corporation 2929 Walnut Street Philadelphia, PA 19104 |
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