

# SAFETY DATA SHEET

according to the OSHA Hazard Communication Standard



## CORAGEN® eVo insect control

|         |                |             |                                 |
|---------|----------------|-------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 09/13/2023  |
| 1.1     | 09/11/2026     | 50002858    | Date of first issue: 09/13/2023 |

This Safety Data Sheet adheres to the standards and regulatory requirements of USA and may not meet the regulatory requirements in other countries.

### SECTION 1. IDENTIFICATION

#### Product identifier

**Product name** CORAGEN® eVo insect control

#### Other means of identification

**Product code** 50002858

#### Recommended use of the chemical and restrictions on use

**Recommended use** Insecticide

**Restrictions on use** Use as recommended by the label.

#### Manufacturer or supplier's details

**Manufacturer** FMC Corporation  
2929 WALNUT ST  
PHILADELPHIA PA 19104  
USA  
+1 (215) 299-6000 (Corporate)  
SDS-Info@fmc.com, +1-(800)-346-0833 (FMC Cust. Service)

#### Supplier Address

FMC Corporation  
2929 Walnut Street  
Philadelphia PA 19104  
USA

#### Emergency telephone

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)

Medical emergency:  
U.S.A. & Canada: +1 800 / 331-3148  
All other countries: +1 651 / 632-6793 (Collect)

### SECTION 2. HAZARDS IDENTIFICATION

**GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)**

#### **Hazards for the product as supplied**

Not a hazardous substance or mixture.

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### Other hazards

Very toxic to aquatic life with long lasting effects.

### GHS label elements

No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

### Components

| Chemical name                               | CAS No./Unique ID | Concentration (% w/w) | Trade secret |
|---------------------------------------------|-------------------|-----------------------|--------------|
| Chlorantraniliprole                         | 500008-45-7*      | 47.85                 | -            |
| Alkylated Naphthalene Sulfonate Sodium Salt | 68425-94-5*       | >= 1 - < 5            | -            |

\* Indicates that the identifier is a CAS No.

Actual concentration is withheld as a trade secret

## SECTION 4. FIRST AID MEASURES

- General advice : Move out of dangerous area.  
Show this material safety data sheet to the doctor in attendance.  
Do not leave the victim unattended.
- If inhaled : Move to fresh air.  
If unconscious, place in recovery position and seek medical advice.  
If experiencing any discomfort, immediately remove from exposure. Get medical attention if discomfort does not disappear.
- In case of skin contact : Take off all contaminated clothing immediately.  
Wash contaminated clothing before reuse.  
Wash off immediately with plenty of water for at least 15 minutes.  
If skin irritation persists, call a physician.
- In case of eye contact : Flush eyes with water as a precaution.  
Remove contact lenses.  
Protect unharmed eye.  
Keep eye wide open while rinsing.  
If eye irritation persists, consult a specialist.
- If swallowed : Do not induce vomiting without medical advice.  
Keep respiratory tract clear.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.

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|                             |   |                                                                                                                                                                                                                                                                            |
|-----------------------------|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General Symptoms            | : | None known.                                                                                                                                                                                                                                                                |
| Symptoms After Inhalation   | : | None known.                                                                                                                                                                                                                                                                |
| Symptoms After Skin Contact | : | None known.                                                                                                                                                                                                                                                                |
| Symptoms After Eye Contact  | : | None known.                                                                                                                                                                                                                                                                |
| Symptoms After Swallowing   | : | None known.                                                                                                                                                                                                                                                                |
| Protection of first-aiders  | : | First Aid responders should pay attention to self-protection and use the recommended protective clothing<br>Avoid inhalation, ingestion and contact with skin and eyes.<br>If potential for exposure exists refer to Section 8 for specific personal protective equipment. |
| Notes to physician          | : | Treat symptomatically.<br>Immediate medical attention is required in case of ingestion.                                                                                                                                                                                    |

### SECTION 5. FIRE-FIGHTING MEASURES

|                                       |   |                                                                                                                                                                                                                           |
|---------------------------------------|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Suitable extinguishing media          | : | Dry chemical, CO <sub>2</sub> , water spray or regular foam.<br>Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.                                                   |
| Unsuitable extinguishing media        | : | Do not spread spilled material with high-pressure water streams.<br>High volume water jet                                                                                                                                 |
| Specific hazards during fire fighting | : | Do not allow run-off from fire fighting to enter drains or water courses.                                                                                                                                                 |
| Hazardous combustion products         | : | Fire may produce irritating, corrosive and/or toxic gases.<br>Nitrogen oxides (NO <sub>x</sub> )<br>Carbon oxides<br>Bromine compounds<br>Hydrogen cyanide<br>Hydrogen chloride<br>Chlorinated compounds<br>Sulfur oxides |
| Specific extinguishing methods        | : | Remove undamaged containers from fire area if it is safe to do so.<br>Use a water spray to cool fully closed containers.                                                                                                  |
| Further information                   | : | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.<br>Collect contaminated fire extinguishing water separately. This                                                 |

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must not be discharged into drains.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Special protective equipment : Firefighters should wear protective clothing and self-contained for fire-fighters breathing apparatus.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Evacuate personnel to safe areas.  
Use personal protective equipment.  
If it can be safely done, stop the leak.  
Do not touch or walk through the spilled material.  
Never return spills in original containers for re-use.  
Mark the contaminated area with signs and prevent access to unauthorized personnel.  
Only qualified personnel equipped with suitable protective equipment may intervene.

Environmental precautions : Prevent further leakage or spillage if safe to do so.  
Prevent product from entering drains.  
If the product contaminates rivers and lakes or drains inform respective authorities.

Methods and materials for containment and cleaning up : Never return spills in original containers for re-use.  
Collect as much of the spill as possible with a suitable absorbent material.  
Pick up and transfer to properly labeled containers.  
Keep in suitable, closed containers for disposal.

### SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Advice on safe handling : Do not breathe vapors/dust.  
Avoid contact with skin and eyes.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Dispose of rinse water in accordance with local and national regulations.

Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.  
Containers which are opened must be carefully resealed and kept upright to prevent leakage.  
Electrical installations / working materials must comply with the technological safety standards.

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Further information on storage conditions : The product is stable under normal conditions of warehouse storage.  
Store in closed, labelled containers. The storage room should be constructed of incombustible material, closed, dry, ventilated and with impermeable floor, without access of unauthorised persons or children. The room should only be used for storage of chemicals. Food, drink, feed and seed should not be present. A hand wash station should be available.

Further information on storage stability : No decomposition if stored and applied as directed.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Ingredients with workplace control parameters

| Components       | CAS-No. | Value type<br>(Form of exposure) | Control parameters / Permissible concentration | Basis    |
|------------------|---------|----------------------------------|------------------------------------------------|----------|
| propane-1,2-diol | 57-55-6 | TWA                              | 10 mg/m3                                       | US WEEL  |
| glycerol         | 56-81-5 | TWA (mist, respirable fraction)  | 5 mg/m3                                        | OSHA Z-1 |
|                  |         | TWA (mist, total dust)           | 15 mg/m3                                       | OSHA Z-1 |
|                  |         | TWA (Mist - total dust)          | 10 mg/m3                                       | OSHA P0  |
|                  |         | TWA (Mist - respirable fraction) | 5 mg/m3                                        | OSHA P0  |

#### Personal protective equipment

Respiratory protection : In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.

Hand protection  
Material : Wear chemical resistant gloves, such as barrier laminate, butyl rubber or nitrile rubber.

Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection : Eye wash bottle with pure water  
Tightly fitting safety goggles

Skin and body protection : Impervious clothing  
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Protective measures : Plan first aid action before beginning work with this product.  
Always have on hand a first-aid kit, together with proper instructions.

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Wear suitable protective equipment.  
When using do not eat, drink or smoke.

Hygiene measures : Avoid contact with skin, eyes and clothing.  
Do not inhale aerosol.  
When using do not eat or drink.  
When using do not smoke.  
Wash hands before breaks and at the end of workday.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

|                                                  |                                                                             |
|--------------------------------------------------|-----------------------------------------------------------------------------|
| Physical state                                   | : liquid                                                                    |
| Color                                            | : off-white                                                                 |
| Odor                                             | : mild aromatic                                                             |
| Odor Threshold                                   | : No data available                                                         |
| pH                                               | : 5.6                                                                       |
|                                                  | Concentration: 100 %                                                        |
|                                                  | Method: CIPAC MT 75.3                                                       |
|                                                  | 5.2                                                                         |
|                                                  | Method: CIPAC MT 75.3                                                       |
|                                                  | (at 1% suspension)                                                          |
| Melting point/freezing point                     | : No data available                                                         |
| Boiling point/boiling range                      | : No data available                                                         |
| Flash point                                      | : Method: Pensky-Martens closed cup - PMCC                                  |
|                                                  | No flash up to boiling point.                                               |
| Evaporation rate                                 | : No data available                                                         |
| Flammability (liquids)                           | : Not expected to be ignitable                                              |
| Upper explosion limit / Upper flammability limit | : No data available                                                         |
| Lower explosion limit / Lower flammability limit | : No data available                                                         |
| Vapor pressure                                   | : Not available for this mixture.                                           |
| Relative vapor density                           | : No data available                                                         |
| Relative density                                 | : ca. 1.26 (68 °F / 20 °C)                                                  |
|                                                  | Method: Regulation (EC) No. 440/2008, Annex, A.3                            |
| Density                                          | : ca. 1.26 g/cm <sup>3</sup> (68 °F / 20 °C)                                |
| Solubility(ies)                                  |                                                                             |
| Water solubility                                 | : No data available                                                         |
| Solubility in other solvents                     | : No data available                                                         |
| Partition coefficient: n-octanol/water           | : Not applicable                                                            |
| Autoignition temperature                         | : > 1112 °F / > 600 °C                                                      |
|                                                  | Method: EEC A.15                                                            |
| Decomposition temperature                        | : Thermal decomposition can lead to release of irritating gases and vapors. |
| Viscosity                                        |                                                                             |
| Viscosity, dynamic                               | : 458 - 724 mPa.s (68 °F / 20 °C)                                           |
|                                                  | Method: CIPAC MT 192                                                        |
|                                                  | 436 - 708 mPa.s (104 °F / 40 °C)                                            |
|                                                  | Method: CIPAC MT 192                                                        |
| Viscosity, kinematic                             | : No data available                                                         |
| Explosive properties                             | : Not explosive                                                             |

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|                            |                                    |
|----------------------------|------------------------------------|
| Oxidizing properties       | : Non-oxidizing                    |
| Surface tension            | : 57.41 mN/m, 5 g/l, 68 °F / 20 °C |
| Molecular weight           | : Not applicable                   |
| Metal corrosion rate       | : ca. 0.04 mm/a                    |
| Particle characteristics   |                                    |
| Particle size              | : Not applicable                   |
| Particle Size Distribution | : Not applicable                   |

### SECTION 10. STABILITY AND REACTIVITY

|                                    |                                                                                                                                 |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                         | : No decomposition if stored and applied as directed.                                                                           |
| Chemical stability                 | : No decomposition if stored and applied as directed.                                                                           |
| Possibility of hazardous reactions | : No decomposition if stored and applied as directed.                                                                           |
| Conditions to avoid                | : Avoid extreme temperatures.<br>Avoid formation of aerosol.<br>Heating of the mixture may evolve harmful and irritant vapours. |
| Incompatible materials             | : Avoid strong acids, bases, and oxidizers.                                                                                     |
| Hazardous decomposition products   | : No hazardous decomposition products are known.                                                                                |

### SECTION 11. TOXICOLOGICAL INFORMATION

#### Information on likely routes of exposure

Skin contact

#### Acute toxicity

Based on available data, the classification criteria are not met.

#### Product:

|                           |                                                                                                                                                                                                                                                 |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Acute oral toxicity       | : LD50 (Rat, female): > 5,000 mg/kg<br>Method: OECD Test Guideline 425<br>GLP: yes<br>Assessment: The substance or mixture has no acute oral toxicity<br>Remarks: no mortality                                                                  |
| Acute inhalation toxicity | : LC50 (Rat, male and female): > 5.16 mg/l<br>Exposure time: 4 h<br>Test atmosphere: dust/mist<br>Method: OECD Test Guideline 403<br>GLP: yes<br>Assessment: The substance or mixture has no acute inhalation toxicity<br>Remarks: no mortality |

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Acute dermal toxicity : LD50 (Rat, male and female): > 5,000 mg/kg  
Method: OECD Test Guideline 402  
Symptoms: Irritation  
Assessment: The substance or mixture has no acute dermal toxicity  
Remarks: no mortality

### Components:

#### **Chlorantraniliprole:**

Acute oral toxicity : LD50 (Rat, female): > 5,000 mg/kg  
Method: OECD Test Guideline 425  
GLP: yes  
Assessment: The substance or mixture has no acute oral toxicity

LD50 (Rat): > 5,000 mg/kg  
Method: OECD Test Guideline 425  
GLP: yes  
Remarks: Information source: Internal study report

LD50 (Mouse, female): > 2,000 mg/kg  
Method: OECD Test Guideline 425  
GLP: no

Acute inhalation toxicity : LC50 (Rat, male and female): > 5.1 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: OECD Test Guideline 403  
GLP: yes  
Assessment: The substance or mixture has no acute inhalation toxicity  
Remarks: Information source: Internal study report

LC50 (Rat, male and female): > 5.1 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: OECD Test Guideline 403  
GLP: yes  
Assessment: The substance or mixture has no acute inhalation toxicity  
Remarks: no mortality

LC50 (Rat, male and female): > 5.0 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: GB 15670-1995  
GLP: yes  
Assessment: The substance or mixture has no acute inhalation toxicity  
Remarks: no mortality

Acute dermal toxicity : LD50 (Rat, male and female): > 5,000 mg/kg

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Method: OECD Test Guideline 402

GLP: yes

Assessment: The substance or mixture has no acute dermal toxicity

Remarks: Information source: Internal study report

LD50 (Rat, male and female): > 5,000 mg/kg

Method: GB 15670-1995

GLP: yes

Remarks: no mortality

LD50 (Rat, male and female): > 5,000 mg/kg

Method: OECD Test Guideline 402

GLP: yes

Remarks: no mortality

### Alkylated Naphthalene Sulfonate Sodium Salt:

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg

### Skin corrosion/irritation

Based on available data, the classification criteria are not met.

### Product:

|            |                                 |
|------------|---------------------------------|
| Species    | : Rabbit                        |
| Assessment | : Not classified as irritant    |
| Method     | : OECD Test Guideline 404       |
| Result     | : slight or no skin irritation. |
| GLP        | : yes                           |

### Components:

#### Chlorantraniliprole:

|         |                                             |
|---------|---------------------------------------------|
| Species | : Rabbit                                    |
| Method  | : OECD Test Guideline 404                   |
| Result  | : No skin irritation                        |
| GLP     | : yes                                       |
| Remarks | : Information source: Internal study report |

|         |                           |
|---------|---------------------------|
| Species | : Rabbit                  |
| Method  | : OECD Test Guideline 404 |
| Result  | : No skin irritation      |
| GLP     | : yes                     |

|         |                      |
|---------|----------------------|
| Species | : Rabbit             |
| Method  | : GB 15670-1995      |
| Result  | : No skin irritation |
| GLP     | : yes                |

### Alkylated Naphthalene Sulfonate Sodium Salt:

Remarks : No data available

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### Serious eye damage/eye irritation

Based on available data, the classification criteria are not met.

#### Product:

|            |   |                            |
|------------|---|----------------------------|
| Species    | : | Rabbit                     |
| Result     | : | No eye irritation          |
| Assessment | : | Not classified as irritant |
| Method     | : | OECD Test Guideline 405    |
| GLP        | : | yes                        |

#### Components:

##### Chlorantraniliprole:

|         |   |                                           |
|---------|---|-------------------------------------------|
| Species | : | Rabbit                                    |
| Result  | : | No eye irritation                         |
| Method  | : | OECD Test Guideline 405                   |
| GLP     | : | yes                                       |
| Remarks | : | Information source: Internal study report |

|         |   |                         |
|---------|---|-------------------------|
| Species | : | Rabbit                  |
| Result  | : | No eye irritation       |
| Method  | : | OECD Test Guideline 405 |

|            |   |                             |
|------------|---|-----------------------------|
| Species    | : | Rabbit                      |
| Result     | : | Slight or no eye irritation |
| Assessment | : | Not classified as irritant  |
| Method     | : | OECD Test Guideline 405     |
| GLP        | : | yes                         |

##### Alkylated Naphthalene Sulfonate Sodium Salt:

|        |   |                |
|--------|---|----------------|
| Result | : | Eye irritation |
|--------|---|----------------|

### Respiratory or skin sensitization

#### Skin sensitization

Based on available data, the classification criteria are not met.

#### Respiratory sensitization

Based on available data, the classification criteria are not met.

#### Product:

|            |   |                                                    |
|------------|---|----------------------------------------------------|
| Test Type  | : | Local lymph node assay (LLNA)                      |
| Species    | : | mice                                               |
| Assessment | : | Did not cause sensitization on laboratory animals. |
| Method     | : | OECD Test Guideline 429                            |
| GLP        | : | yes                                                |

#### Components:

##### Chlorantraniliprole:

|           |   |                   |
|-----------|---|-------------------|
| Test Type | : | Maximization Test |
| Species   | : | Guinea pig        |

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Method : OECD Test Guideline 406  
Result : Does not cause skin sensitization.  
GLP : yes  
Remarks : Information source: Internal study report

Test Type : Local lymph node assay (LLNA)  
Species : mice  
Method : OECD Test Guideline 429  
Result : Does not cause skin sensitization.

### Germ cell mutagenicity

Based on available data, the classification criteria are not met.

#### Product:

Genotoxicity in vitro : Test Type: reverse mutation assay  
Metabolic activation: with and without metabolic activation  
Method: OECD Test Guideline 471  
Result: negative  
GLP: yes

Test Type: Micronucleus test  
Test system: Human lymphocytes  
Metabolic activation: with and without metabolic activation  
Method: OECD Test Guideline 487  
Result: negative  
GLP: yes

#### Components:

##### **Chlorantraniliprole:**

Genotoxicity in vitro : Test Type: reverse mutation assay  
Metabolic activation: with and without metabolic activation  
Result: negative

Test Type: In vitro mammalian cell gene mutation test  
Test system: Chinese hamster ovary cells  
Method: OECD Test Guideline 476  
Result: negative

Genotoxicity in vivo : Test Type: Micronucleus test  
Species: Mouse  
Method: OECD Test Guideline 474  
Result: negative

Germ cell mutagenicity - Assessment : Weight of evidence does not support classification as a germ cell mutagen.

### Carcinogenicity

Based on available data, the classification criteria are not met.

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### Components:

#### **Chlorantraniliprole:**

|                   |                            |
|-------------------|----------------------------|
| Species           | : Rat, male and female     |
| Application Route | : Oral                     |
| Exposure time     | : 2 Years                  |
| NOAEL             | : 805 - 1,076 mg/kg bw/day |
| Method            | : OECD Test Guideline 453  |
| Result            | : negative                 |

|                   |                            |
|-------------------|----------------------------|
| Species           | : Mouse, male and female   |
| Application Route | : Oral                     |
| Exposure time     | : 18 month(s)              |
| NOAEL             | : 158 - 1,155 mg/kg bw/day |
| Method            | : OECD Test Guideline 453  |
| Result            | : negative                 |

|               |                           |
|---------------|---------------------------|
| Species       | : Dog                     |
| Exposure time | : 1 Years                 |
| NOAEL         | : 1,164 mg/kg bw/day      |
| Method        | : OECD Test Guideline 453 |
| Result        | : negative                |

|                              |                                                                                                                                                                    |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Carcinogenicity - Assessment | : A slight increased incidence in tumors was observed in one species, but not in other species, Weight of evidence does not support classification as a carcinogen |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|             |                                                                                                                                                          |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>IARC</b> | No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|

|             |                                                                                                                          |
|-------------|--------------------------------------------------------------------------------------------------------------------------|
| <b>OSHA</b> | No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens. |
|-------------|--------------------------------------------------------------------------------------------------------------------------|

|            |                                                                                                                                          |
|------------|------------------------------------------------------------------------------------------------------------------------------------------|
| <b>NTP</b> | No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. |
|------------|------------------------------------------------------------------------------------------------------------------------------------------|

### **Reproductive toxicity**

Based on available data, the classification criteria are not met.

### Components:

#### **Chlorantraniliprole:**

|                      |                                                                                                                                                                                                                                              |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Effects on fertility | : Test Type: Two-generation study<br>Species: Rat, male and female<br>Application Route: Oral<br>General Toxicity Parent: NOAEL: 20,000 ppm<br>General Toxicity F1: NOAEL: 20,000 ppm<br>Method: OECD Test Guideline 416<br>Result: negative |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                              |                                                                                                                |
|------------------------------|----------------------------------------------------------------------------------------------------------------|
| Effects on fetal development | : Test Type: Pre-natal<br>Species: Rat<br>Application Route: Oral<br>Duration of Single Treatment: 6 - 20 Days |
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General Toxicity Maternal: NOEL: 1,000 mg/kg bw/day  
Developmental Toxicity: NOEL: 1,000 mg/kg bw/day  
Method: OECD Test Guideline 414  
Result: negative

Reproductive toxicity - Assessment : Weight of evidence does not support classification for reproductive toxicity

### STOT-single exposure

Based on available data, the classification criteria are not met.

### STOT-repeated exposure

Based on available data, the classification criteria are not met.

### Repeated dose toxicity

#### Components:

##### Chlorantraniliprole:

|                   |                           |
|-------------------|---------------------------|
| Species           | : Rat, male and female    |
| NOEL              | : 1188 - 1526 mg/kg       |
| Application Route | : Oral                    |
| Exposure time     | : 90 Days                 |
| Method            | : OECD Test Guideline 408 |

### Aspiration toxicity

Based on available data, the classification criteria are not met.

#### Product:

The mixture does not have properties associated with aspiration hazard potential.

#### Components:

##### Chlorantraniliprole:

The substance does not have properties associated with aspiration hazard potential.

### Further information

#### Product:

Remarks : No data available

#### Components:

##### Chlorantraniliprole:

Remarks : Information presented in this Section conforms to the requirements of the Occupational Safety and Health Administration (OSHA) Hazard Communication Standard of 2012. See Section 15 for applicable information conforming to the requirements of the Federal Insecticide Fungicide and Rodenticide Act (FIFRA), as required by the US Environmental Protection Agency (EPA), or by state Regulatory Agencies.

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### SECTION 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

##### Product:

- |                                                     |   |                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------------------------|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Toxicity to fish                                    | : | LC50 (Lepomis macrochirus (Bluegill sunfish)): > 21 mg/l<br>Exposure time: 96 h<br>Method: OECD Test Guideline 203<br>GLP: yes                                                                                                                                                                                                                                                                     |
| Toxicity to daphnia and other aquatic invertebrates | : | EC50 (Daphnia magna (Water flea)): 0.015 mg/l<br>Exposure time: 48 h<br>Method: OECD Test Guideline 202<br>GLP: yes                                                                                                                                                                                                                                                                                |
| Toxicity to algae/aquatic plants                    | : | ErC50 (Raphidocelis subcapitata (freshwater green alga)): > 16 mg/l<br>Exposure time: 72 h<br>Method: OECD Test Guideline 201<br><br>NOEC (Raphidocelis subcapitata (freshwater green alga)): 7.9 mg/l<br>Exposure time: 72 h<br>Method: OECD Test Guideline 201<br><br>LOEC (Raphidocelis subcapitata (freshwater green alga)): 16 mg/l<br>Exposure time: 72 h<br>Method: OECD Test Guideline 201 |
| Toxicity to soil dwelling organisms                 | : | LC50 (Eisenia fetida (earthworms)): > 1,000 mg/kg<br>Exposure time: 14 d<br>Method: OECD Test Guideline 207<br>GLP: yes<br><br>Method: OECD Test Guideline 216<br>Remarks: No significant adverse effect on Nitrogen mineralization.<br><br>Method: OECD Test Guideline 217<br>Remarks: No significant adverse effect on Carbon mineralization.                                                    |
| Toxicity to terrestrial organisms                   | : | LD50 (Apis mellifera (bees)): > 334 µg/bee<br>Exposure time: 48 h<br>End point: Acute oral toxicity<br>Method: OECD Test Guideline 213<br>GLP: yes<br><br>LD50 (Apis mellifera (bees)): > 313 µg/bee<br>Exposure time: 48 h<br>End point: Acute contact toxicity<br>Method: OECD Test Guideline 214                                                                                                |

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GLP: yes

LD50 (Colinus virginianus (Bobwhite quail)): > 4,179 mg/kg  
End point: Acute oral toxicity  
Method: OECD Test Guideline 223  
GLP: yes

### Ecotoxicology Assessment

Acute aquatic toxicity : Very toxic to aquatic life.

Chronic aquatic toxicity : Very toxic to aquatic life with long lasting effects.

### Components:

#### Chlorantraniliprole:

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 13.8 mg/l  
Exposure time: 96 h  
Test Type: static test  
Method: OECD Test Guideline 203  
Remarks: Information source: Internal study report

LC50 (Lepomis macrochirus (Bluegill sunfish)): > 15.1 mg/l  
Exposure time: 96 h  
Test Type: static test  
Method: OECD Test Guideline 203  
GLP: yes  
Remarks: Information source: Internal study report

LC50 (Cyprinodon sp. (minnow)): > 12 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 0.0116 mg/l  
Exposure time: 48 h  
Test Type: static test  
Method: OECD Test Guideline 202  
GLP: yes

LC50 (Hyalalella azteca (Amphipod)): 0.26 mg/l  
Exposure time: 48 h  
Test Type: static test  
Method: OECD Test Guideline 202  
GLP: yes

LC50 (Ceriodaphnia dubia (water flea)): 0.0067 - 0.011 mg/l  
Exposure time: 48 h

Toxicity to algae/aquatic plants : ErC50 (Pseudokirchneriella subcapitata (green algae)): > 2 mg/l  
Exposure time: 120 h

NOEC (Lemna gibba (duckweed)): > 2 mg/l  
End point: Biomass

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Exposure time: 14 Days  
Test Type: static test

ErC50 (Selenastrum capricornutum (green algae)): > 2 mg/l  
Exposure time: 72 h

NOEC (Anabaena flos-aquae (cyanobacterium)): > 2 mg/l  
End point: Growth rate  
Exposure time: 120 h  
Test Type: static test  
Method: OECD Test Guideline 201  
GLP: yes

NOEC (Skeletonema costatum (Diatom)): > 14.6 mg/l  
End point: Growth rate  
Exposure time: 120 h  
Test Type: static test  
Method: OECD Test Guideline 201  
GLP: yes

NOEC (Navicula pelliculosa (Diatom)): > 15.1 mg/l  
End point: Growth rate  
Exposure time: 120 h  
Test Type: static test  
Method: OECD Test Guideline 201  
GLP: yes

Toxicity to fish (Chronic toxicity) : NOEC (Cyprinodon variegatus (sheepshead minnow)): 1.28 mg/l  
Exposure time: 36 Days

NOEC (Oncorhynchus mykiss (rainbow trout)): 0.110 mg/l  
Exposure time: 28 Days  
Method: OECD Test Guideline 210  
GLP: yes

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (Daphnia magna (Water flea)): 0.00447 mg/l  
Exposure time: 21 Days  
Method: US EPA Test Guideline OPPTS 850.1300  
GLP: yes

Toxicity to microorganisms : Method: OECD Test Guideline 216  
Remarks: No significant adverse effect on Nitrogen mineralization.

Method: OECD Test Guideline 217  
Remarks: No significant adverse effect on Carbon mineralization.

Toxicity to soil dwelling organisms : LC50 (Eisenia fetida (earthworms)): > 1,000 mg/kg  
Exposure time: 14 Days  
Method: OECD Test Guideline 207  
GLP: yes

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EC50 (*Hypoaspis aculeifer*): >100 mg/kg dry weight (d.w.)  
Exposure time: 16 Days  
Method: OECD Test Guideline 207

NOEC (*Hypoaspis aculeifer*): 100 mg/kg dry weight (d.w.)  
Exposure time: 16 Days  
Method: OECD Test Guideline 207

Toxicity to terrestrial organisms : LD50 (*Apis mellifera* (bees)): > 4.0 µg/bee  
Exposure time: 72 h  
End point: Acute contact toxicity  
Remarks: Active substance dissolved in acetone

LD50 (*Apis mellifera* (bees)): > 0.005 µg/bee  
Exposure time: 48 h  
End point: Acute contact toxicity  
Remarks: Active substance dissolved in water

LD50 (*Apis mellifera* (bees)): > 104.1 µg/bee  
Exposure time: 48 h  
End point: Acute oral toxicity  
Remarks: Active substance dissolved in acetone

LD50 (*Apis mellifera* (bees)): > 0.0274 µg/bee  
Exposure time: 48 h  
End point: Acute oral toxicity  
Remarks: Active substance dissolved in water

LD50 (*Poephila guttata* (zebra finch)): > 2,250 mg/kg

### Alkylated Naphthalene Sulfonate Sodium Salt:

Toxicity to fish : LC50 (*Zebra fish*): > 10 - 100 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203  
Remarks: Based on data from similar materials

Toxicity to daphnia and other aquatic invertebrates : EC50 (*Daphnia magna* (Water flea)): > 100 mg/l  
Exposure time: 48 h  
Method: OECD Test Guideline 202  
Remarks: Based on data from similar materials

Toxicity to algae/aquatic plants : EC50 (*Pseudokirchneriella subcapitata* (green algae)): > 100 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201  
Remarks: Based on data from similar materials

EC10 (*Pseudokirchneriella subcapitata* (green algae)): > 100 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201  
Remarks: Based on data from similar materials

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Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : EC10 (Daphnia magna (Water flea)): > 10 - 100 mg/l  
Exposure time: 21 d  
Method: OECD Test Guideline 211  
Remarks: Based on data from similar materials

### Persistence and degradability

#### Product:

Biodegradability : Remarks: Product contains minor amounts of not readily biodegradable components, which may not be degradable in waste water treatment plants.

#### Components:

##### **Chlorantraniliprole:**

Biodegradability : Result: Not readily biodegradable.

Stability in water : Degradation half life (DT50): 10 Days (25 °C) pH: 9  
Degradation half life (DT50): 0.3 Days (50 °C) pH: 9  
Degradation half life (DT50): > 31 Days pH: 5

##### **Alkylated Naphthalene Sulfonate Sodium Salt:**

Biodegradability : Result: Not readily biodegradable.  
Remarks: Based on data from similar materials

### Bioaccumulative potential

#### Product:

Bioaccumulation : Remarks: No data is available on the product itself.

#### Components:

##### **Chlorantraniliprole:**

Bioaccumulation : Species: Lepomis macrochirus (Bluegill sunfish)  
Bioconcentration factor (BCF): 14  
Method: OECD Test Guideline 305  
GLP: yes  
Remarks: Bioaccumulation is unlikely.

Partition coefficient: n-octanol/water : log Pow: 2.77 (68 °F / 20 °C)  
pH: 4  
log Pow: 2.86 (68 °F / 20 °C)  
pH: 7  
log Pow: 2.80 (68 °F / 20 °C)  
pH: 9

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### Mobility in soil

#### Product:

Distribution among environmental compartments : Remarks: No data is available on the product itself.

#### Components:

##### **Chlorantraniliprole:**

Distribution among environmental compartments : Koc: 362 ml/g, log Koc: 2.55  
Remarks: Mobile in soils

Stability in soil : Remarks: Very persistent in soil.

### Other adverse effects

#### Product:

Ozone-Depletion Potential : Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances  
Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
Very toxic to aquatic life with long lasting effects.

### Endocrine disrupting properties

No data available

## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal methods

Waste from residues : The product should not be allowed to enter drains, water courses or the soil.  
Do not contaminate ponds, waterways or ditches with chemical or used container.  
Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.  
Triple rinse containers.  
Do not re-use empty containers.  
Packaging that is not properly emptied must be disposed of as the unused product.  
Empty containers should be taken to an approved waste handling site for recycling or disposal.

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### SECTION 14. TRANSPORT INFORMATION

#### International Regulations

##### UNRTDG

|                           |                                                                             |
|---------------------------|-----------------------------------------------------------------------------|
| UN number                 | : UN 3082                                                                   |
| Proper shipping name      | : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Chlorantraniliprole) |
| Class                     | : 9                                                                         |
| Packing group             | : III                                                                       |
| Labels                    | : 9                                                                         |
| Environmentally hazardous | : yes                                                                       |

##### IATA-DGR

|                                          |                                                                             |
|------------------------------------------|-----------------------------------------------------------------------------|
| UN/ID No.                                | : UN 3082                                                                   |
| Proper shipping name                     | : Environmentally hazardous substance, liquid, n.o.s. (Chlorantraniliprole) |
| Class                                    | : 9                                                                         |
| Packing group                            | : III                                                                       |
| Labels                                   | : Miscellaneous                                                             |
| Packing instruction (cargo aircraft)     | : 964                                                                       |
| Packing instruction (passenger aircraft) | : 964                                                                       |
| Environmentally hazardous                | : yes                                                                       |

##### IMDG-Code

|                      |                                                                             |
|----------------------|-----------------------------------------------------------------------------|
| UN number            | : UN 3082                                                                   |
| Proper shipping name | : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Chlorantraniliprole) |
| Class                | : 9                                                                         |
| Packing group        | : III                                                                       |
| Labels               | : 9                                                                         |
| EmS Code             | : F-A, S-F                                                                  |
| Marine pollutant     | : yes                                                                       |

#### Transport in bulk according to IMO instruments

Not applicable for product as supplied.

#### Domestic regulation

##### 49 CFR

|                      |                                                                                                                                                                                                              |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UN/ID/NA number      | : UN 3082                                                                                                                                                                                                    |
| Proper shipping name | : Environmentally hazardous substance, liquid, n.o.s. (Chlorantraniliprole)                                                                                                                                  |
| Class                | : 9                                                                                                                                                                                                          |
| Packing group        | : III                                                                                                                                                                                                        |
| Labels               | : CLASS 9                                                                                                                                                                                                    |
| ERG Code             | : 171                                                                                                                                                                                                        |
| Marine pollutant     | : yes                                                                                                                                                                                                        |
| Remarks              | : Shipment by ground under DOT is non-regulated for non-bulk packaging; however it may be shipped per the applicable hazard classification to facilitate multi-modal transport involving ICAO (IATA) or IMO. |

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Shipment by ground under DOT is non-regulated for non-bulk packaging; however it may be shipped per the applicable hazard classification to facilitate multi-modal transport involving ICAO (IATA) or IMO.

### Special precautions for user

Remarks : 49CFR: no dangerous good in non-bulk packaging  
49CFR: no dangerous good in non-bulk packaging

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

## SECTION 15. REGULATORY INFORMATION

### CERCLA Reportable Quantity

| Components   | CAS-No.  | Component RQ (lbs) | Calculated product RQ (lbs) |
|--------------|----------|--------------------|-----------------------------|
| ethylbenzene | 100-41-4 | 100                | 100 (F003)                  |

### SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

### SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

**SARA 311/312 Hazards** : No SARA Hazards

**SARA 313** : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

### Clean Air Act

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCM I Intermediate or Final VOC's (40 CFR 60.489):

|                  |         |              |
|------------------|---------|--------------|
| propane-1,2-diol | 57-55-6 | >= 1 - < 5 % |
| glycerol         | 56-81-5 | >= 1 - < 5 % |

### Clean Water Act

The following Hazardous Substances are listed under the U.S. CleanWater Act, Section 311, Table 116.4A:

|              |          |                |
|--------------|----------|----------------|
| ethylbenzene | 100-41-4 | >= 0 - < 0.1 % |
|--------------|----------|----------------|

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The following Hazardous Chemicals are listed under the U.S. CleanWater Act, Section 311, Table 117.3:

|              |          |                     |
|--------------|----------|---------------------|
| ethylbenzene | 100-41-4 | $\geq 0 - < 0.1 \%$ |
|--------------|----------|---------------------|

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

This product does not contain any priority pollutants related to the U.S. Clean Water Act

### US State Regulations

#### Massachusetts Right To Know

|                            |            |
|----------------------------|------------|
| glycerol                   | 56-81-5    |
| Quartz (SiO <sub>2</sub> ) | 14808-60-7 |

#### Pennsylvania Right To Know

|                                                                       |             |
|-----------------------------------------------------------------------|-------------|
| Chlorantraniliprole                                                   | 500008-45-7 |
| water                                                                 | 7732-18-5   |
| propane-1,2-diol                                                      | 57-55-6     |
| glycerol                                                              | 56-81-5     |
| Distillates (petroleum), hydro- treated light; Kerosine — unspecified | 64742-47-8  |

#### Maine Chemicals of High Concern

|                            |            |
|----------------------------|------------|
| Palygorskite               | 12174-11-7 |
| Quartz (SiO <sub>2</sub> ) | 14808-60-7 |

#### Vermont Chemicals of High Concern

|              |            |
|--------------|------------|
| Palygorskite | 12174-11-7 |
| ethylbenzene | 100-41-4   |

#### Washington Chemicals of High Concern

|              |            |
|--------------|------------|
| Palygorskite | 12174-11-7 |
| ethylbenzene | 100-41-4   |

#### California Prop. 65

WARNING: This product can expose you to chemicals including Distillates (petroleum), hydro- treated light; Kerosine — unspecified, Quartz (SiO<sub>2</sub>), ethylbenzene, which is/are known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov). **California Permissible Exposure Limits for Chemical Contaminants**

|          |         |
|----------|---------|
| glycerol | 56-81-5 |
|----------|---------|

#### The ingredients of this product are reported in the following inventories:

|         |                                                                                                                                                                                                                                                                                                                |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TW TCSI | : On the inventory, or in compliance with the inventory                                                                                                                                                                                                                                                        |
| US TSCA | : Product contains substance(s) not listed on TSCA inventory.                                                                                                                                                                                                                                                  |
| AU AIIC | : Not in compliance with the inventory                                                                                                                                                                                                                                                                         |
| CA. DSL | : This product contains chemical substance(s) exempt from CEPA DSL Inventory requirements. It is regulated as a pesticide subject to Pest Control Products Act (PCPA) requirements. Read the PCPA label, authorized under the Pest Control Products Act, prior to using or handling this pest control product. |

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|          |   |                                      |
|----------|---|--------------------------------------|
| JP ENCS  | : | Not in compliance with the inventory |
| JP ISHL  | : | Not in compliance with the inventory |
| KR KECI  | : | Not in compliance with the inventory |
| PH PICCS | : | Not in compliance with the inventory |
| CN IECSC | : | Not in compliance with the inventory |
| NZ NZIoC | : | Not in compliance with the inventory |
| TH TECI  | : | Not in compliance with the inventory |

### TSCA list

No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

### FIFRA information

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 for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

### No Signal Word Required

When used as directed, this product does not present a hazard to humans or domestic animals.

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## SECTION 16. OTHER INFORMATION

### Further information

# SAFETY DATA SHEET

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## CORAGEN® eVo insect control

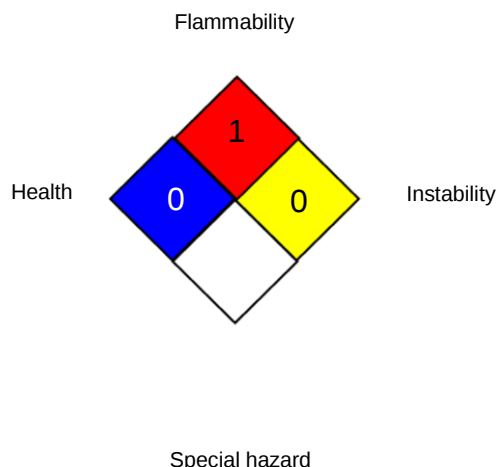
Version  
1.1

Revision Date:  
09/11/2026

SDS Number:  
50002858

Date of last issue: 09/13/2023  
Date of first issue: 09/13/2023

### NFPA 704:



### HMIS® IV / CED:

|                 |   |   |
|-----------------|---|---|
| HEALTH          | / | 0 |
| FLAMMABILITY    |   | 1 |
| PHYSICAL HAZARD |   | 0 |

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "\*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

### Full text of other abbreviations

|                |   |                                                                                  |
|----------------|---|----------------------------------------------------------------------------------|
| OSHA P0        | : | USA. Table Z-1-A Limits for Air Contaminants (1989 vacated values)               |
| OSHA Z-1       | : | USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants |
| US WEEL        | : | USA. Workplace Environmental Exposure Levels (WEEL)                              |
| OSHA P0 / TWA  | : | 8-hour time weighted average                                                     |
| OSHA Z-1 / TWA | : | 8-hour time weighted average                                                     |
| US WEEL / TWA  | : | 8-hr TWA                                                                         |

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardization; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organization for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumu-

# SAFETY DATA SHEET

according to the OSHA Hazard Communication Standard



## CORAGEN® eVo insect control

|         |                |             |                                 |
|---------|----------------|-------------|---------------------------------|
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lative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

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### Person who prepared the SDS:

FMC Corporation

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**End of Material Safety Data Sheet**