

CORAGEN®

Version 0.0

Revision Date 00/00/0000

Ref. 130000027866

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

1. IDENTIFICATION

Product name : CORAGEN®
Other names : B12498745
DPX-E2Y45 20SC
CHLORANTRANILIPROLE 200SC

Recommended use of the chemical and restriction on use

Recommended use : - Insecticide

Manufacturer or supplier's details

Company : DuPont Argentina S.R.L.
Street address : Av. Ingeniero Butty, 240
Buenos Aires Argentina
Telephone : 54-11-4021 4700

Emergency telephone number : (CIQUIME) 011 4613 1100

2. HAZARDS IDENTIFICATION**Product hazard category**

Acute aquatic toxicity	Category 1
Chronic aquatic toxicity	Category 1

Label content

Pictogram :



Signal word : Warning

Hazardous warnings : Very toxic to aquatic life with long lasting effects.

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Hazardous prevention measures : Collect spillage.
Dispose of contents/ container to an approved waste disposal plant.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : Mixture

Components

Chemical name	CAS-No.	Concentration
Chlorantraniliprole	500008-45-7	18.4 %
Other Ingredients		81.6 %

4. FIRST AID MEASURES

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

First aid measures for different exposure routes

Inhalation : No specific intervention is indicated as the compound is not likely to be hazardous. Consult a physician if necessary.

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.

Ingestion : No specific intervention is indicated as the compound is not likely to be hazardous. Consult a physician if necessary.

Main symptoms and hazards : No information available.

Protection of first-aiders : No information available.

Notes to physician : No information available.

5. FIREFIGHTING MEASURES

Suitable extinguishing media : Water spray, Foam, Dry chemical, Carbon dioxide (CO₂)
Unsuitable extinguishing media:
High volume water jet, (contamination risk)

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- Specific hazards : The product is not flammable.
- Specific firefighting procedures : (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.
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus. Wear full protective equipment.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Evacuate personnel to safe areas. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Wear suitable protective equipment. Never return spills in original containers for re-use. Dispose of in accordance with local regulations.
- Environmental precautions : Prevent material from entering sewers, waterways, or low areas.
- Methods for cleaning up : 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.

7. HANDLING AND STORAGE**Handling**

- Technical measures/Precautions : No information available.
- Precautions for safe handling : The product is not flammable.

Storage

- Suitable storage conditions : 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

Hygiene measures

- : Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing/PPE

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immediately if material gets inside. Wash thoroughly and put on clean clothing.

8. EXPOSURE PREVENTION MEASURES

Engineering measures : Use only with adequate ventilation.

Control parameters

Chlorantraniliprole
AEL * (DUPONT) 10 mg/m³ 8 & 12 hr. TWA Total dust.

Chlorantraniliprole
AEL * (DUPONT) 5 mg/m³ 8 & 12 hr. TWA Respirable dust.

* AEL is DuPont's Acceptable Exposure Limit. Where governmentally imposed occupational exposure limits which are lower than the AEL are in effect, such limits shall take precedence.

Biological standards : No information available.

Personal protective equipment

Respiratory protection : See skin and body protection

Hand 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

General 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.

9. PHYSICAL AND CHEMICAL PROPERTIES**Appearance (Physical state, form, colour, etc.)**

Physical state : liquid

Form : liquid, suspension

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Colour : white

Odour : alcohol-like

Odour Threshold : no data available

pH : 5 - 9 (10 g/l)

Melting point/freezing point

no data available

Boiling point/boiling range

no data available

Flammability (solid, gas) : The product is not flammable.

Flash point : No flash up to boiling point.

Evaporation rate : no data available

Decomposition temperature : no data available

Auto-ignition temperature : no data available

Explosion limits

Upper explosion limit : no data available

Lower explosion limit : no data available

Vapour pressure : no data available

Vapour density : no data available

Density

Relative density : 1.08 - 1.10

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Solubility(ies)

Water solubility : dispersible

Solubility in other solvents : slightly soluble

Partition coefficient: n-octanol/water : no data available**Volatility rate** : no data available**Viscosity, dynamic** : 400 - 800 mPa.s 30 rpm**Viscosity, kinematic** : no data available**10. STABILITY AND REACTIVITY**

Reactivity : No information available.

Stability : Stable at normal temperatures and storage conditions.

Possible hazardous reactions under specific conditions : Polymerization will not occur.

Conditions to avoid : No information available.

Materials to avoid : No materials to be especially mentioned.

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

11. TOXICOLOGICAL INFORMATION

Acute toxicity : CORAGEN®:

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

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

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

Skin corrosion/irritation : CORAGEN®:

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Species: Rabbit
Result: No skin irritation

Serious eye damage/eye
irritation : CORAGEN®:

Species: Rabbit
Result: No eye irritation

Respiratory sensitisation /
Skin sensitisation : CORAGEN®:

Species: mice
Result: Animal test did not cause sensitization by skin contact.

Mutagenicity : Chlorantraniliprole:

Did not cause genetic damage in animals. Tests on bacterial or mammalian cell cultures did not show mutagenic effects.

Carcinogenicity : Chlorantraniliprole:

Animal testing did not show any carcinogenic effects.

Reproductive toxicity : Chlorantraniliprole:

Animal testing showed no reproductive toxicity.
Animal testing showed no developmental toxicity.

Specific target organ
toxicity - single exposure : no data available

Specific target organ
toxicity - repeated exposure : no data available

Aspiration toxicity : no data available

Other : Chlorantraniliprole:

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Repeated dose toxicity: Oral, multiple species
No toxicologically significant effects were found.
Repeated dose toxicity: Dermal, Rat
No toxicologically significant effects were found.

12. ECOLOGICAL INFORMATION**Ecotoxicity effects**

Toxicity to fish	: CORAGEN®: LC50/96 h/Lepomis macrochirus (Bluegill sunfish): > 9.9 mg/l
Other	: CORAGEN®: ErC50/72 h/Pseudokirchneriella subcapitata (green algae): > 20 mg/l EC50/48 h/Daphnia magna (Water flea): 0.035 mg/l
Persistence and degradability	: no data available
Bioaccumulation	: no data available
Mobility in soil	: no data available
Other adverse effects	: CORAGEN®:

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.

13. CONSIDERATIONS REGARDING FINAL DISPOSAL

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

UN number : 3082
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(Chlorantraniliprole)

Class : 9
Packing group : III
Marine pollutant : yes

IATA_C

UN number : 3082
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(Chlorantraniliprole)

Class : 9MI
Packing group : III

Matters needing attention for transportation : 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.

15. INFORMATION ABOUT REGULATIONS

Refer to section 2 of this SDS for classification according to the GHS.

16. OTHER INFORMATION

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Significant change from previous version is denoted with a double bar.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality



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specification. The above information relates only to the specific material(s) designated herein and may not be valid for such material(s) used in combination with any other materials or in any process or if the material is altered or processed, unless specified in the text.