



# SAFETY DATA SHEET

The Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

## Cosayr

Revision date 27-Nov-2025

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11-Sep-2025

Product Code(s) INS00157-1

Print Date 27-Nov-2025

ADM.00900.I.1.C 9510474

## 1. Identification

### Product identifier

Product Name Cosayr

### Other means of identification

Document ADAMA-357-CA

Synonyms Chlorantraniliprole 200 SC

Registration Number(s) 35005

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

Recommended use Insecticide

Restrictions on use No information available

### Details of the supplier of the safety data sheet

#### Supplier Address

ADAMA Agricultural Solutions Canada Ltd.  
300-191 Lombard Avenue  
Winnipeg, Manitoba R3B 0X1  
1-855-264-6262

### Emergency telephone number

Emergency Telephone For fire, spill and/or leak contact INFOTRAC: 1-800-535-5053 (North America)  
1-352-323-3500 (International) For medical emergencies and health/safety inquiries,  
contact ProPharma Group: 1-877-250-9291

## 2. Hazard(s) identification

This chemical is a product registered under the Pest Control Products Act (PCPA) of Canada and is subject to certain labeling requirements under federal law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-PCPA registered chemicals. Please see Section 15 for additional information. This product has been classified according to Canada's Hazardous Product Regulations (WHMIS 2015).

### Classification

This product is not considered hazardous in accordance with the Canadian Workplace Hazardous Material Information System (WHMIS 2015)

### Label elements

**Hazard statements**

This product is not considered hazardous in accordance with the Canadian Workplace Hazardous Material Information System (WHMIS 2015)

**Precautionary Statements - General**

Keep out of reach of children

**Other information**

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Very toxic to aquatic life with long lasting effects. Very toxic to aquatic life.

**3. Composition/information on ingredients****Substance**

Not applicable.

**Mixture****Synonyms**

Chlorantraniliprole 200 SC.

Chemical name	CAS No	Weight-%	INTERNATIONAL GHS CLASSIFICATION
Chlorantraniliprole	500008-45-7	16-21	Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)
Alcohols, C12-14-secondary, ethoxylated	84133-50-6	< 2	Acute Tox. 5 (H303) Acute Tox. 5 (H313) Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Aquatic Acute 2 (H401)

**4. First-aid measures****Description of first aid measures****General advice**

First aider: Pay attention to self-protection.

**Inhalation**

Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. Call a physician.

**Eye contact**

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.

**Skin contact**

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Consult a physician if necessary.

**Ingestion**

Immediate medical attention is required. Call a poison control center or doctor for treatment advice. Never give anything by mouth to an unconscious person.

**Self-protection of the first aider**

Use personal protective equipment as required.

**Most important symptoms and effects, both acute and delayed**

Symptoms None known.

**Indication of any immediate medical attention and special treatment needed**

Note to physicians Treat symptomatically.

## 5. Fire-fighting measures

**Suitable Extinguishing Media** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Large Fire** CAUTION: Use of water spray when fighting fire may be inefficient.

**Unsuitable extinguishing media** Do not scatter spilled material with high pressure water streams.

**Specific hazards arising from the chemical** No information available.

**Explosion data**

**Sensitivity to mechanical impact** None.

**Sensitivity to static discharge** None.

**Special protective equipment for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Ensure adequate ventilation.

**Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

## 7. Handling and storage

**Precautions for safe handling**

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep container tightly closed in a dry and well-ventilated place. Do not store below freezing or at temperatures above 40 C.

## 8. Exposure controls/personal protection

### Control parameters

#### Exposure Limits

### Appropriate engineering controls

**Engineering controls**                      Showers  
    Eyewash stations  
    Ventilation systems.

### Individual protection measures, such as personal protective equipment

**Eye/face protection**                      No special protective equipment required.

**Skin and body protection**                No special protective equipment required.

**Respiratory protection**                    No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**General hygiene considerations**        Handle in accordance with good industrial hygiene and safety practice.

### Information on basic physical and chemical properties

<u>Property</u>	<u>Values</u>	<u>Method</u>	<u>Remarks</u>
<b>Appearance</b>			
Physical state	: Liquid		
Color	: white to Off-white		
Odor	: Slight Alcohol		
Odor threshold	: No data available		
pH	: 5 - 9	CIPAC MT 75.3	
Melting point / freezing point °C	: No data available		
Boiling point / boiling range °C	: No data available		
Flash point °C	: > 95	EEC A.9	
Evaporation rate	: No data available		
Flammability (solid, gas)	: Not applicable		
Upper/lower flammability or explosive limits	: No data available		
Vapor pressure kPa	: No data available		
Vapor density	: No data available		
Relative density	: 1.04 - 1.14	EEC A.3	20 °C
Solubility(ies) mg/l	: No data available		
Partition coefficient Log Pow	:		See Section 12 for additional Ecological Information
Autoignition temperature °C	: > 600	EEC A.15	
Decomposition temperature °C	: No data available		
Kinematic viscosity mm <sup>2</sup> /s 40 °C	: 81	OECD 114	
Explosive properties	: Not an explosive		
Oxidizing properties	: Not oxidizing	EEC A.21	
Surface tension	: No data available		
Particle Size	: Not applicable		
<b>Other information</b>			
Bulk density g/ml	: Not applicable		

## 10. Stability and reactivity

### Reactivity

No information available.

### Chemical stability

Stable under normal conditions.

### Possibility of hazardous reactions

None under normal processing.

### Conditions to avoid

None known based on information supplied.

### Incompatible materials

None known based on information supplied.

**Hazardous decomposition products** None known based on information supplied.

### Information on toxicological effects

#### Acute toxicity

	<u>Values</u>	<u>Species</u>	<u>Method</u>	<u>Remarks</u>
Oral LD50 mg/kg	: > 2000	Rat	OECD 423	
Dermal LD50 mg/kg	: > 2000	Rat	OECD 402	
Inhalation LC50 LC50	: > 5.86	Rat	OECD 436	
Skin corrosion/irritation	: Non-irritating to the skin	Rabbit	OECD 404	
Serious eye damage/eye irritation	: Not irritating to eyes	Rabbit	OECD 405	
Sensitization	: Not a skin sensitizer	Mouse	OECD 429	

#### Chronic toxicity

#### Germ cell mutagenicity

##### Chemical name

Chlorantraniliprole : Not classified

#### Carcinogenicity

##### Chemical name

Chlorantraniliprole : Not classified

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP

Chemical name	ACGIH	IARC	NTP	OSHA
Chlorantraniliprole		Group 2A		X

#### Reproductive toxicity

##### Chemical name

Chlorantraniliprole : Not classified

#### STOT - Single Exposure

##### Chemical name

Chlorantraniliprole : No data available

#### STOT - Repeated Exposure

##### Chemical name

Chlorantraniliprole : No data available

#### Aspiration hazard

##### Chemical name

Chlorantraniliprole : No data available

### Ecotoxicity

#### **Aquatic toxicity**

	<u>Values</u>	<u>Species</u>	<u>Method</u>	<u>Remarks</u>
<b>Acute toxicity</b>				
Fish 96-hour LC50 mg/l	: > 100	Rainbow trout	OECD 203	
Crustacea 48-hour EC50 mg/l	: 0.04129	Daphnia magna	OECD 202	
Algae 72-hour EC50 mg/l	: 19.62	P. subcapitata	OECD 201	
Other plants EC50 mg/l	: > 100	Lemna minor	OECD 221	

#### **Chronic aquatic toxicity**

	<u>Values</u>	<u>Species</u>	<u>Method</u>	<u>Remarks</u>
Fish NOEC mg/l	: No data available			
Crustacea NOEC mg/l	: No data available			
Algae NOEC mg/l	: No data available			
Other plants NOEC mg/l	: No data available			

#### **Terrestrial Toxicity**

##### **Birds Oral LD50 mg/kg**

Chemical name  
Chlorantraniliprole : > 2000 Bobwhite quail

##### **Bees Oral LD50 µg/bee**

Chemical name  
Chlorantraniliprole : > 104

#### **Abiotic Degradation**

##### **Water DT50 days**

Chemical name  
Chlorantraniliprole : ---- No data available

##### **Soil DT50 days**

Chemical name  
Chlorantraniliprole : 597

#### **Biodegradation**

##### **Log Pow**

Chemical name	<u>Values</u>	<u>Method</u>	<u>Remarks</u>
Chlorantraniliprole	: 2.72	OECD 117	

#### **Bioconcentration factor (BCF)**

##### **Adsorption/Desorption**

Chemical name	<u>Values</u>	<u>Method</u>	<u>Remarks</u>
Chlorantraniliprole	: 180 - 539		KOC

## **13. Disposal considerations**

### Waste treatment methods

#### **Waste from residues/unused products**

Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

#### **Contaminated packaging**

Do not reuse empty containers.

## 14. Transport information

### TDG

<b>UN/ID no</b>	UN3082
<b>UN proper shipping name</b>	Environmentally hazardous substance, liquid, n.o.s. (Chlorantraniliprole)
<b>Hazard class</b>	9
<b>Packing group</b>	III
<b>Special Provisions</b>	16, 99
<b>Marine pollutant</b>	Chlorantraniliprole.
<b>Description</b>	UN3082, Environmentally hazardous substance, liquid, n.o.s. (Chlorantraniliprole), 9, III
<b>Note</b>	Section 1.45.1 of the TDG Regulation provides an exemption from documentation and safety marks for this product when transported by road or railway vehicle in non-bulk containers.

### DOT

<b>UN/ID no</b>	UN3082
<b>UN proper shipping name</b>	Environmentally hazardous substance, liquid, n.o.s. (Chlorantraniliprole)
<b>Hazard class</b>	9
<b>Packing group</b>	III
<b>Special Provisions</b>	8, 146, 173, 335, 441, IB3, T4, TP1, TP29
<b>Description</b>	UN3082, Environmentally hazardous substance, liquid, n.o.s. (Chlorantraniliprole), 9, III, Marine pollutant
<b>Emergency Response Guide Number</b>	171

### IATA

<b>UN number</b>	UN3082
<b>UN proper shipping name</b>	Environmentally hazardous substance, liquid, n.o.s. (Chlorantraniliprole)
<b>Transport hazard class(es)</b>	9
<b>Packing group</b>	III
<b>ERG Code</b>	9L
<b>Special Provisions</b>	A97, A158, A197, A215
<b>Description</b>	UN3082, Environmentally hazardous substance, liquid, n.o.s. (Chlorantraniliprole), 9, III

### IMDG

<b>UN number</b>	UN3082
<b>UN proper shipping name</b>	Environmentally hazardous substance, liquid, n.o.s. (Chlorantraniliprole)
<b>Hazard Class</b>	9
<b>Packing group</b>	III
<b>EmS-No</b>	F-A, S-F
<b>Special Provisions</b>	274, 335, 969
<b>Description</b>	UN3082, Environmentally hazardous substance, liquid, n.o.s. (Chlorantraniliprole), 9, III, Marine pollutant



## 15. Regulatory information

**The laws, regulations and standards listed below have requirements on the management of this product:**

### International Regulations

**International Inventories**

<b>TSCA</b>	Contact supplier for inventory compliance status.
<b>DSL/NDSL</b>	Contact supplier for inventory compliance status.
<b>EINECS/ELINCS</b>	Contact supplier for inventory compliance status.
<b>ENCS</b>	Contact supplier for inventory compliance status.
<b>IECSC</b>	Contact supplier for inventory compliance status.
<b>KECL</b>	Contact supplier for inventory compliance status.
<b>PICCS</b>	Contact supplier for inventory compliance status.
<b>AICS</b>	Contact supplier for inventory compliance status.

**Legend:**

- TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

**Registration Number Pest Control Product Reg. No.** 35005

Pest Control Product Statement This chemical is a pest control product registered by Health Canada Pest Management Regulatory Agency and is subject to certain labelling requirements under the Pest Control Products Act. Read the label before using or handling the pest control product. These label requirements differ from the classification criteria and hazard information required for GHS-consistent safety data sheets. The following is the hazard information required on the pest control product label:

Difference between SDS and product label

**16. Other information**

<b><u>NFPA</u></b>	<b>Health hazards</b> 0	<b>Flammability</b> 1	<b>Instability</b> 0	<b>Physical and chemical properties</b> -
<b><u>HMIS</u></b>	<b>Health hazards</b> 0	<b>Flammability</b> 1	<b>Physical hazards</b> 0	<b>Personal protection</b> X

**Key or legend to abbreviations and acronyms used in the safety data sheet****Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

**Key literature references and sources for data used to compile the SDS**

Agency for Toxic Substances and Disease Registry (ATSDR)  
 U.S. Environmental Protection Agency ChemView Database  
 European Food Safety Authority (EFSA)  
 EPA (Environmental Protection Agency)  
 Acute Exposure Guideline Level(s) (AELG(s))  
 U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
 U.S. Environmental Protection Agency High Production Volume Chemicals  
 Food Research Journal  
 Hazardous Substance Database  
 International Uniform Chemical Information Database (IUCLID)  
 Japan GHS Classification  
 Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
 NIOSH (National Institute for Occupational Safety and Health)  
 National Library of Medicine's ChemID Plus (NLM CIP)  
 National Library of Medicine's PubMed database (NLM PUBMED)  
 National Toxicology Program (NTP)



New Zealand's Chemical Classification and Information Database (CCID)  
Organization for Economic Co-operation and Development Environment, Health, and Safety Publications  
Organization for Economic Co-operation and Development High Production Volume Chemicals Program  
Organization for Economic Co-operation and Development Screening Information Data Set  
World Health Organization

**Revision date** 27-Nov-2025

**Revision Note** No information available.

**Disclaimer**

**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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.**

**End of Safety Data Sheet**