



SAFETY DATA SHEET

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

Cormoran

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Version 2.01

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Product Code(s) INS00085-1

Print Date 28-Jan-2026

ADM.00154.I.1.B 9509135

1. Identification

Product identifier

Product Name Cormoran

Other means of identification

Document ADAMA-292

Synonyms Novaluron 100 Acetamiprid 100 EC

Registration Number(s) 33353

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

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

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

Not applicable.

Mixture**Synonyms**

Novaluron 100 Acetamiprid 100 EC.

Chemical name	CAS No.	Weight-%	INTERNATIONAL GHS CLASSIFICATION
Novaluron	116714-46-6	7-11	Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)
Acetamiprid	135410-20-7	6-9	Acute Tox. 4 (H302) Aquatic Chronic 3 (H412)
Tristyrylphenol ethoxylate phosphate ester	114535-82-9	3-5	Eye Irrit. 2 (H319)
Poly(oxy-1,2-ethanediyl), .alpha.-[tris(1-phenylethyl)phenyl]-.omega.-hydroxy-	99734-09-5	3-5	Aquatic Chronic 3 (H412)
Benzenesulfonic acid, C10-13-alkyl derivs., calcium salt	1335202-81-7	< 2	Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Aquatic Chronic 3 (H412)
2-Ethylhexanol	104-76-7	< 2	Acute Tox. 4 (H332) Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) STOT SE 3 (H335)
orthophosphoric acid	7664-38-2	< 0.3	Acute Tox. 4 (H302) Skin Corr. 1B (H314) Eye Dam. 1 (H318) Met. Corr. 1 (H290)

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

First aider: Pay attention to self-protection. IF exposed or concerned: Get medical advice/attention.

Inhalation

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

Eye contact	a physician. 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. Get medical attention immediately if symptoms occur.
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 protective 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 containers tightly closed in a dry, cool and well-ventilated place.

8. Exposure controls/personal protection**Control Parameters****Exposure Limits**

Chemical name	Alberta	British Columbia	Ontario	Quebec	ACGIH TLV
orthophosphoric acid 7664-38-2	TWA: 1 mg/m ³ STEL: 3 mg/m ³	TWA: 1 mg/m ³ STEL: 3 mg/m ³	TWA: 1 mg/m ³ STEL: 3 mg/m ³	TWA: 1 mg/m ³ STEL: 3 mg/m ³	STEL: 3 mg/m ³ TWA: 1 mg/m ³

Appropriate engineering controls

Engineering controls Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Hand protection Wear suitable gloves.

Skin and body protection Wear suitable protective clothing.

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.

9. Physical and chemical properties**Information on basic physical and chemical properties**

<u>Property</u>	<u>Values</u>	<u>Method</u>	<u>Remarks</u>
Appearance			
Physical state	: Liquid		
Color	: clear yellow to pink		
Odor	: No data available		
Odor threshold	: No data available		
pH	: 3 - 5		1 % aqueous solution
Melting point / freezing point °C	: -		Not applicable
Boiling point / boiling range °C	: No data available		
Flash point °C	: > 90		
Evaporation rate	: -		No data available
Flammability (solid, gas) Upper/lower flammability or	: Not applicable		

explosive limits	:	No data available	
Vapor pressure kPa	:	-	Not applicable
Vapor density	:	No data available	
Relative density	:	1.08 - 1.18	
Solubility(ies) mg/l	:	-	Not applicable
Partition coefficient Log Pow	:		See Section 12 for additional Ecological Information
Autoignition temperature °C	:	No data available	
Decomposition temperature °C	:	No data available	
Kinematic viscosity mm ² /s 40 °C	:	6.22	
Explosive properties	:	No data available	
Oxidizing properties	:	No data available	
Surface tension	:	-	No data available
Particle Size	:	Not applicable	

Other information

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.

11. Toxicological information**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 (4 hr)	: > 5.07	Rat	OECD 403	
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	Guinea pig	OECD 406	

Chronic toxicity**Germ cell mutagenicity****Chemical name**

Novaluron : Not classified

Acetamiprid : Not classified

Carcinogenicity**Chemical name**

Novaluron : Not Carcinogenic

Acetamidiprid : Not Carcinogenic

Chemical name	ACGIH	IARC	NTP	OSHA
Acetamidiprid		Group 2A		X

Reproductive toxicity**Chemical name**

Novaluron : Not toxic for the reproductive system
 Acetamidiprid : H361d - Suspected of damaging the unborn child

STOT - Single Exposure**Chemical name**

Novaluron : No data available
 Acetamidiprid : No data available

STOT - Repeated Exposure**Chemical name**

Novaluron : No data available
 Acetamidiprid : No data available

Aspiration hazard**Chemical name**

Novaluron : No data available
 Acetamidiprid : No data available

12. Ecological information**Ecotoxicity****Aquatic toxicity****Acute toxicity**

	<u>Values</u>	<u>Species</u>	<u>Method</u>	<u>Remarks</u>
Fish 96-hour LC50 mg/L	: No data available			No data available
Crustacea 48-hour EC50 mg/L	: No data available			No data available
Algae 72-hour EC50 mg/L	: No data available			No data available
Other plants EC50 mg/l	:			No data available

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**

Novaluron	: > 2000	Bobwhite quail	US EPA 71-1	
Acetamidiprid	: 98	Mallard duck		

Bees Oral LD50 µg/bee**Chemical name**

Novaluron	: > 100	Apis mellifera	EPPO 170	
Acetamidiprid	: 14.53			Oral

Abiotic Degradation**Water DT50 days**

Chemical name
 Novaluron : ---- No data available
 Acetamiprid : 3.6 - 5.8

Soil DT50 days

Chemical name
 Novaluron : ---- No data available
 Acetamiprid : 2.9 Field

Biodegradation

Chemical name
 Novaluron : No data available
 Acetamiprid : No data available

Log Pow

Chemical name	Values	Method	Remarks
Novaluron	: 4.3	OECD 107	
Acetamiprid	: 0.80	OECD 117	

Bioconcentration factor (BCF)

Chemical name
 Novaluron : ---- No data available
 Acetamiprid : ---- No bioaccumulation potential

Adsorption/Desorption

Chemical name	Values	Method	Remarks
Novaluron	: 9598		KOC
Acetamiprid	: 71.1 - 138.4		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**

UN/ID no UN3082
UN proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Novaluron)
Hazard class 9
Packing group III
Special Provisions 16, 99
Marine pollutant Yes.
Description UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Novaluron), 9, III
Note 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

UN/ID no UN3082

UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Novaluron)
Hazard class	9
Packing group	III
Special Provisions	8, 146, 173, 335, IB3, T4, TP1, TP29
Marine pollutant	Yes.
Description	UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Novaluron), 9, III, Marine pollutant
Emergency Response Guide Number	171

IATA

UN number or ID number	UN3082
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Novaluron)
Transport hazard class(es)	9
Packing group	III
ERG Code	9L
Special Provisions	A97, A158, A197
Description	UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Novaluron), 9, III

IMDG

UN number or ID number	UN3082
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Novaluron)
Transport hazard class(es)	9
Packing group	III
EmS-No	F-A, S-F
Special Provisions	274, 335, 969
Marine pollutant	P
Description	UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Novaluron), 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**

TSCA	Contact supplier for inventory compliance status.
DSL/NDSL	Contact supplier for inventory compliance status.
EINECS/ELINCS	Contact supplier for inventory compliance status.
ENCS	Contact supplier for inventory compliance status.
IECSC	Contact supplier for inventory compliance status.
KECL	Contact supplier for inventory compliance status.
PICCS	Contact supplier for inventory compliance status.
AICS	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. 33353

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

NFPA	Health hazards 0	Flammability 1	Instability 0	Physical and chemical properties -
HMIS	Health hazards 0	Flammability 1	Physical hazards 0	Personal protection 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

U.S. Agency for Toxic Substances and Disease Registry (ATSDR)
 U.S. Environmental Protection Agency ChemView Database
 European Food Safety Authority (EFSA)
 U.S. Environmental Protection Agency
 Acute Exposure Guideline Level(s) (AEGl(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)
 U.S. National Toxicology Program (NTP)
 New Zealand's Chemical Classification and Information Database (CCID)
 International Organization for Economic Co-operation and Development (OECD) Environment, Health, and Safety Publications
 International Organization for Economic Co-operation and Development (OECD) High Production Volume Chemicals Program
 International Organization for Economic Co-operation and Development (OECD) Screening Information Data Set
 United Nations World Health Organization (WHO)

Revision date 28-Jan-2026

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