



## Evaluation Report for Category L, Subcategory 1.2 Application

**Application Number:** 2017-1879

**Application:** Application subject to the Protection of Proprietary Interests in Pesticide Data Policy

**Product:** Cormoran

**Registration Number:** 33353

**Active ingredients (a.i.):** Novaluron and acetamiprid

**PMRA Document Number:** 2939022

### Purpose of Application

The purpose of this application was to register the insecticide Cormoran for control or suppression of a broad range of insect pests in terrestrial feed and food crops. The application was based on precedent products.

### Chemistry Assessment

Cormoran is formulated as an emulsifiable concentrate containing acetamiprid at 80 g/L and novaluron at 100 g/L. This end-use product has a density of 1.12 g/cm<sup>3</sup> and pH of 3-5. The required chemistry data for Cormoran have been provided, reviewed and found to be acceptable.

### Health Assessments

Cormoran was found to be of low acute toxicity in rats via the oral, dermal, and inhalation routes of exposure. It was minimally irritating to the eye and non-irritating to the skin of rabbits, and was not a skin sensitizer when tested in guinea pigs.

Risks to handlers of Cormoran are not of concern when workers follow the label directions and wear the personal protective equipment identified on the label. A new human health risk assessment was completed for post-application re-entry workers for crops where the use pattern changed from that previously registered. Restricted entry intervals were added for certain crops to mitigate exposure. No risks of concern are expected when workers follow the label directions.

No new residue data were submitted for acetamiprid and novaluron in order to support the registration of the Cormoran. Previously reviewed residue data from field trials conducted with acetamiprid and novaluron in/on the various crops were reassessed in the framework of this petition. All of the uses on the Cormoran label are included in the registered precedent labels for both active ingredients at similar or lower rates and application timing. Residues in these crop/livestock commodities at the established MRLs will not pose an unacceptable risk to any segment of the population, including infants, children, adults and seniors.

## **Environmental Assessment**

The uses are within the previously registered use pattern of the active ingredients novaluron and acetamiprid, and therefore, no additional risk is expected from the use of Cormoran. The label includes the required environmental precautions and hazards statements, including the buffer zones information, which adequately mitigates risks to the environment.

## **Value Assessment**

Field trials and extrapolation from registered uses of acetamiprid and/or novaluron supported Cormoran from a value perspective.

## **Conclusion**

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information sufficient to register Cormoran for use on food and feed crops.

## References

### PMRA

#### Document

Number	Reference
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2752294	2016, ADA 11280, Product Chemistry, Part A, DACO: 3.2.1, 3.2.2, 3.2.3, 3.3.1 CBI
2752295	2015, Physical and Chemical Characteristics of ADA11280, DACO: 3.5.1, 3.5.11, 3.5.2, 3.5.3, 3.5.6, 3.5.7, 3.5.8, 3.5.9
2752296	2016, Accelerated Storage Stability and Corrosion Characteristics of ADA11280, DACO: 3.4.1, 3.5.10, 3.5.14 CBI
2810830	2017, Method Validation of ADA11280 (Cormoran), DACO: 3.4.1 CBI
2810831	2017, 12 Month Interim Report for: Storage Stability and Corrosion Characteristics ADA 11280 (Cormoron), DACO: 3.5.10 CBI
2752297	Acute Oral Toxicity Study of MCW-4049 in Rats
2752298	Acute Dermal Toxicity Study of MCW-4049 in Rats
2752299	Acute Inhalation Toxicity Study of MCW-4049 in Rats
2752300	Acute Eye Irritation/Corrosion Test of MCW-4049 in Rabbits
2752301	Acute Dermal Irritation/Corrosion Test (Patch Test) of MCW-4049 in Rabbits
2752302	Examination of MCW-4049 in the Skin Sensitisation Test in Guinea Pigs According to Magnusson and Kligman (Maximisation Test)
2752269	2017, Value summary of Cormoran_7MAR2017, DACO: 10.1, 10.2.1, 10.2.2, 10.2.3.1, 10.3.1, 10.3.3, 10.4, 10.5, 10.5.1, 10.5.2, 10.5.3, 10.5.4, 10.5.5
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2827122	2017, IRAC Mode of Action Classification Scheme

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