

Evaluation Report for Category D IMEP Application

Application Number: 2011-1926
Application: IMEP
Product: Dupont™ Calteryx™ Manufacturing Concentrate
Registration Number: 30260
Active ingredients (a.i.): Chlorantraniliprole (JIY)
PMRA Document Number English PDF: 2106157

Purpose of Application

The purpose of this application was to register a new manufacturing concentrate, Dupont™ Calteryx™ Manufacturing Concentrate, containing a registered TGAI, Chlorantraniliprole (Registration number 28979) under the Importation for Manufacturing and Export Program (IMEP).

Chemistry Assessment

DuPont Calteryx Manufacturing Cocentrate is formulated as a solid containing chlorantraniliprole at a nominal concentration of 12.5%. This manufacturing concentrate has a density of 0.59-0.79 g/mL and pH of 5.3-7.3. The chemistry requirements for DuPont Calteryx have been completed.

Health Assessments

DuPont Calteryx Manufacturing Concentrate is of low acute toxicity to rats via the oral (LD₅₀ greater than 5000 mg/kg bw), dermal (LD₅₀ >5000 mg/kg bw) and inhalation (LC₅₀ >5000 mg/kg bw) routes of exposure. It is mildly irritating to the eye and skin of rabbits. It is not a dermal sensitizer in guinea pigs.

Environmental Assessment

An environmental assessment is not conducted for the proposed registration of Calteryx Manufacturing concentrate through IMEP. The TGAI, chlorantraniliprole, is fully registered for several agriculture crops in Canada. Comparing to agricultural use, importing the subject product and manufacturing EP for the purpose of export will not result in significant increase of environmental exposure of chlorantraniliprole. Therefore, no increase in environmental risk is expected.

Value Assessment

Value assessment was not required for this application.

Conclusion

The PMRA has reviewed all available information and has determined that the registration of the new manufacturing concentrate, Dupont™ Calteryx™ Manufacturing Concentrate, is acceptable.

References

PMRA

Document Number Title

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2048845	2009, Chlorantraniliprole (DPX-E2Y45 12.5% MUP): Laboratory Study of Storage Stability and Corrosion Characteristics, DACO: 3.4.1, 3.5.10, 3.5.14
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204887	2008, Chlorantraniliprole (DPX-E2Y45) 12.5TK Manufacturing Use Product: Acute Oral Toxicity Up-And-Down Procedure in Rats, DACO: 4.6.1
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2048849	2011, DuPont Calteryx Manufacturing Concentrate: Rationale to waive the requirement for Acute Inhalation in Rats, DACO 4.6.3
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1778981	2008, Environmental Review: Chlorantraniliprole (DPX-E2Y45) and its End-Use Products, DPX-E2Y45 20SC Insecticide, Altacor 35WG insecticide, Coragen 200SC Insecticide, DACO: 8.1, 9.1

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