



Evaluation Report for Category B, Subcategory 3.14 Application

Application Number: 2012-4871
Application: B.3.14 (Product labels – classifications)
Product: GF-1203 Manufacturing Concentrate
Registration Number: 31202
Active ingredients (a.i.): Clopyralid, Fluoroxypyr
PMRA Document Number: 2279295

Purpose of Application

The purpose of this application was to register a new manufacturing concentrate, GF-1203 Manufacturing Concentrate, that contains the registered actives clopyralid (Registration number 18225) and fluoroxypyr (Registration number 24815). GF-1203 Manufacturing Concentrate is chemically identical to the end-use product Momentum VT2409 Herbicide (Registration number 30456).

Chemistry Assessment

GF-1203 Manufacturing Concentrate is formulated as an emulsifiable concentrate containing clopyralid present as monoethanolamine salt at a nominal concentration of 90 g/L, and fluoroxypry present as 1-methylheptyl ester at a nominal concentration of 90 g/L. This end-use product has a density of 1.0497 g/mL at 20°C and pH of 4.77 (1% in water) and is stable for at least one year in ambient temperature in fluorinated high density polyethylene containers. The chemical requirements for GF-1203 Manufacturing Concentrate are complete.

Health Assessments

GF-1203 Manufacturing Concentrate is of low toxicity to rats via the oral ($LD_{50} > 5000$ mg/kg bw), dermal ($LD_{50} > 5000$ mg/kg bw), and inhalation routes ($LC_{50} > 5.39$ mg/L). It is moderately irritating to the eye and slightly irritating to the skin of rabbits. It is not a dermal sensitizer in guinea pigs.

Environmental and Value Assessments

Environmental and value assessments were not required for this application.

Conclusion

The PMRA has completed an assessment of the available information and is able to support the registration of GF-1203 Manufacturing Concentrate.

References

- 1998912 2003, Group A-Product Identity, Composition and Analysis for GF-1203; an End-Use Product Containing Clopyralid Monoethanolamine and Fluroxypyr MHE, DACO: 3.2.1,3.2.2,3.2.3,3.3.1 CBI
- 1998913 2003, Validation of a method for the determination of clopyralid acid as the monoethanolamine salt and fluroxypyr MHE in GF-1203, DACO: 3.4.1 CBI
- 1998914 2003, Determination of Physical and Chemical Properties of GF-1203, DACO: 3.5.1,3.5.11,3.5.12,3.5.13,3.5.15,3.5.2,3.5.3,3.5.6,3.5.7,3.5.8,3.5.9 CBI
- 1998915 2003, Group B-Physical/Chemical Properties of GF-1203, an End-Use Product Containing Clopyralid Monoethanolamine and Fluroxypyr 1-Methylheptyl Ester, DACO: 3.5.1,3.5.11,3.5.12,3.5.13,3.5.2,3.5.3,3.5.6,3.5.7,3.5.8,3.5.9 CBI
- 1998916 2005, Storage Stability and Package Corrosion Characteristics of GF-1203, A one-year Study, DACO: 3.5.10,3.5.14 CBI
- 2027887 2011, Container Material and Description, DACO: 3.5.5 CBI

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