

Evaluation Report for Category B, Subcategory 1.1, 1.3 Application

Application Number: 2013-2884
Application: New / Changes TGAI or ISP Prod Chemistry-New Source (site) same registrant and specifications
Product: Quinclorac Technical
Registration Number: 25117
Active ingredients (a.i.): Quinclorac
PMRA Document Number : 2472864

Purpose of Application

The purpose of the application was to update and amend the product specifications, manufacturing process and site of manufacture for Quinclorac Technical.

Chemistry Assessment

Common Name: Quinclorac
IUPAC Chemical Name: 3,7-dichloroquinoline-8-carboxylic acid
CAS Chemical Name: 3,7-dichloro-8-quinolinecarboxylic acid

Quinclorac Technical has the following properties:

Property	Result
Colour and physical state	White-gray Solid
Nominal concentration	98.0 %
Odour	Odourless
Density at 20°C	1.630 g/mL
pH	3.5 - 3.8
Water solubility between 20.1°C – 20.5°	69.55 mg/L at pH=3.62 80.1 mg/L at pH=3.8

The chemistry requirements for Quinclorac Technical have been fulfilled.

Health Assessments

The amendments in this application result in a product that is toxicologically comparable to the previous product. Therefore, toxicology requirements were satisfied.

No food residue or occupational exposure assessment was required for this

application.

Environmental Assessment

No environmental assessment was required for this application.

Value Assessment

No value assessment was required for this application.

Conclusion

The PMRA has completed an assessment of the information provided and is able to support the amendments to Quinclorac Technical.

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