

Evaluation Report for Category B, Subcategory 1.3 Application

Application Number: 2017-2352
Application: Changes (TGAI Product Chemistry) – Update of Enforcement Method for Identification of TGAI
Product: AQUCAR GA 50 MUP Water Treatment Microbiocide
Registration Number: 18982
Active ingredient (a.i.): Glutaraldehyde
PMRA Document Number: 2821191

Purpose of Application

The purpose of this application was to update the enforcement method for product chemistry of AQUCAR GA 50 MUP Water Treatment Microbiocide by adding an identification step.

Chemistry Assessment

Common Name: Glutaraldehyde
 IUPAC* Chemical Name: 1,5-Pentanedial
 CAS† Chemical Name: 1,5-Pentanedial

* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

Aqucar GA 50 MUP Water Treatment Microbiocide has the following properties:

Property	Result
Colour and physical state	Colorless to straw yellow
Nominal concentration	50%
Odour	Not unpleasant at low level. Irritating at high levels
Density	1.1267 at 20°C
Vapour pressure	11.5 mm Hg (1533.2 Pa) at 20°C
pH	3.1-4.5
Solubility in water	Completely soluble
n-Octanol/water partition coefficient	log Kow = -0.5

The required chemistry data for Aqucar GA 50 MUP Water Treatment Microbiocide have been provided, reviewed, and found to be acceptable.

Health, Environmental and Value Assessments

Health, environmental and value assessments were not required for this application.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information sufficient to update the enforcement method for product chemistry of AQUICAR GA 50 MUP Water Treatment Microbiocide.

References

PMRA Document Number	Reference
2760914	2015, Amendment to Add Identification Step to EPA Enforcement Method, DACO: 2.13.1 CBI

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