

Evaluation Report for Category B, Subcategory 1.1, 1.3 Application

Application Number: 2017-4179
Application: Changes to ISP – Specifications; New Source/Same Registrant
Product: QNAP8 MU
Registration Number: 32724
Active ingredient (a.i.): Copper (present as copper naphthenate)
PMRA Document Number : 2870458

Purpose of Application

The purpose of this application was to add an alternate manufacturing process for QNAP8 MU at the approved manufacturing site.

Chemistry Assessment

Common Name: Copper, present as copper naphthenate
IUPAC* Chemical Name: Copper naphthenate
CAS† Chemical Name: Copper naphthenates

* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

QNAP8 MU has the following properties:

Property	Result
Colour and physical state	Blue-green liquid
Nominal concentration	8% as copper
Odour	Organic solvent
Density	1.1 g/mL
Vapour pressure	53.3 Pa (at 20°C)
pH	5.15 for a 1% dilution
Solubility in water	4.7 mg/L for pure copper naphthenate
n-Octanol/water partition coefficient	Log K_{ow} = 4.1 for pure copper naphthenate

The required chemistry data for QNAP8 MU have been provided, reviewed, and found to be acceptable.

Health Assessments

The toxicological profile of QNAP8 MU produced according to the new manufacturing process is expected to be the same as the toxicological profile of the registered product. No new toxicological data were reviewed or required.

Occupational and dietary exposure assessments were not required for this application.

Environmental Assessment

No new environmental data were submitted to support this submission and none are required. No additional risk to the environment is expected from the new manufacturing process for QNAP8 MU.

Value Assessment

A value assessment was 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 support the addition of an alternate manufacturing process for QNAP8 MU.

References

PMRA Document Number	Reference
2794436	2017, Basic Product Information and Chemistry, DACO: 2.1,2.2 CBI

ISSN: 1911-8082

© Her Majesty the Queen in Right of Canada, represented by the Minister of Public Works and Government Services
Canada 2018

All rights reserved. No part of this information (publication or product) may be reproduced or transmitted in any form or by any means, electronic, mechanical photocopying, recording or otherwise, or stored in a retrieval system, without prior written permission of the Minister of Public Works and Government Services Canada, Ottawa, Ontario K1A 0S5.