

Evaluation Report for Category B, Subcategory B.4.1 Application

Application Number: 2006-0420
Application: B.4.1 (Conversion without consultation)
Product: Barquat 50-65B
Registration Number: 27952
Active ingredients (a.i.): (67% C₁₂, 25% C₁₄, 7% C₁₆, 1% C₁₈) dimethyl benzyl ammonium chloride (50%) [QAO]
PMRA Document Number: 1659954

Purpose of Application

The purpose of this application is to convert the product (TGAI) from conditional to full registration. Barquat 50-65B is comprised of 50% ADBAC and was proposed for use in the manufacture of heavy duty wood preservatives. Temporary registration was granted in January 2005.

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessments

Barquat 50-65B Technical (Reg. No. 27952) is not a dermal sensitizer when tested in guinea pigs.

Environmental Assessment

An environmental assessment was required since ADBAC had received conditional registration with the understanding that confirmatory data would be provided to the Environmental Assessment Directorate to refine the assessment of risk to the environment. All of the outstanding data requirements have been fulfilled, except for one (DACO 9.4.5: Salinity challenge, estuarine fish). Once the remaining outstanding data requirement has been received, the environmental assessment can be completed. Conditional registration of ADBAC will continue pending receipt of DACO 9.4.5. Additional mitigation measures may be added to the label once the environmental assessment is complete.

Value Assessment

A value assessment was not required for this application.

Conclusion

The PMRA has completed the assessment of this application and has granted continued conditional registration pending the receipt of an additional study (DACO 9.4.5 Salinity challenge, estuarine fish).

References

PMRA 1106617	2005, Robust Summaries For Studies Conducted with ADBAC Toxicology, DACO: 4.1
PMRA 1106618	2005, Dermal Sensitization Study in Guinea Pigs (Buehler Method), DACO: 4.2.6
PMRA1106620	2003. Validation Methodology for the Determination of Residue in Soil. DACO 8.2.2.1.
PMRA 1106621	2005. Validation of the Residue Analytical Method: Determination of ADBAC in Pond Sediment. DACO 8.2.2.2.
PMRA 1106622	2003. Validation of Methodology for the Determination of Residues in Drinking, Ground and Surface Water. DACO 8.2.2.3.
PMRA 1106624	2005. Validation of the Residue Analytical Method ADBAC in Biota (Fish Tissue). DACO 8.2.2.4.
PMRA 1106625	2005. Robust Summaries for Studies Conducted with ADBAC. DACO 9.1.
PMRA 1106626	2005. A Dietary LC50 Study with ADBAC in Northern Bobwhite. DACO 9.6.2.4.
PMRA 1106627	2005. A Dietary LC50 Study with ADBAC in the Mallard. DACO 9.6.2.5.
PMRA 1106628	2001. Determination of the Effect of ADBAC on the Growth of the Fresh Water Green Alga <i>Selenastrum capricornutum</i> . DACO 9.8.2
PMRA 1106630	2005. A 96-Hour Toxicity Test of ADBAC with Marine Diatom (<i>Skeletonema costatum</i>). DACO 9.8.3
PMRA 1106631	2005. A 7-Day Toxicity Test of ADBAC with Duckweed (<i>Lemna gibba</i> G3). DACO 9.8.5.
PMRA 1300034	2006. Response Letter to Deficiency Review letter dated July 7, 2006. DACO 9.8.3, 9.8.5
PMRA 1129248	2006. Salinity Challenge Waiver Request. DACO 9.5.2.4.1

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