



Evaluation Report for Category B, Subcategory 1.1 Application

Application Number: 2016-1150
Application: Changes to TGAI Product Chemistry – New Source (site) Same Registrant
Product: BCMW Technical
Registration Number: 30523
Active ingredients (a.i.): Ammonia (present as ammonium sulfate)
PMRA Document Number: 2692263

Purpose of Application

The purpose of this application was to add a new manufacturing site to BCMW Technical.

Chemistry Assessment

Common Name: Ammonia (present as ammonium sulfate)
IUPAC* Chemical Name: Ammonia (present as diazanium sulfate)
CAS† Chemical Name: Ammonia (present as ammonium sulfate)

* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

BCMW Technical has the following properties:

Property	Result
Colour and physical state	Colourless liquid
Nominal concentration	7.59% ammonia (present as ammonium sulfate)
Odour	Ammoniacal odour
Density	1.15 g/cm ³
Vapour pressure at 20°C	~ 2.3 kPa
pH	9.0-9.5
Solubility in water	Completely miscible
n-Octanol/water partition coefficient	Not applicable

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

Health Assessments

Exposure assessments were not required for this application.

The new source is considered to be toxicologically equivalent to the currently registered source. Subsequently, no toxicological data were submitted or are required.

Environmental and Value Assessments

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 determined that the addition of a new manufacturing site to BCMW Technical can be supported.

References

PMRA Document Number	References
2610746	2015, BCMW Technical - Chemistry (2.1 to 2.9), DACO: 2.0, 2.1, 2.2, 2.3, 2.3.1, 2.4, 2.5, 2.6, 2.7, 2.8, 2.9 CBI
2610747	2016, BCMW Technical - Manufacturing Method (2.11.1 to 2.11.4), DACO: 2.11, 2.11.1, 2.11.2, 2.11.3, 2.11.4 CBI
2610748	2016, BCMW Technical - Specifications (2.12.1 - 2.12.2), DACO: 2.12, 2.12.1 CBI
2610749	2016, BCMW Technical - Preliminary Analysis (2.13.1 to 2.13.4), DACO: 2.13, 2.13.1, 2.13.2, 2.13.3, 2.13.4 CBI
2610750	2016, BCMW Technical - Appendix B: Methods Used in Preliminary Analysis of BCMW, DACO: 2.13.1 CBI
2610751	2016, BCMW Technical - Analyses of Free Ammonia [CBI Removed], Project Number 15-702363-V2, DACO: 2.13.3 CBI
2610753	2015, BCMW Technical - Chemical and Physical Properties (2.14.1 to 2.16), DACO: 2.14, 2.14.1, 2.14.10, 2.14.11, 2.14.12, 2.14.13, 2.14.14, 2.14.2, 2.14.3, 2.14.4, 2.14.5, 2.14.6, 2.14.7, 2.14.8, 2.14.9, 2.15, 2.16 CBI
2611032	2016, BCMW Technical - Certificate of Analyses # 15-702542: [CBI Removed], DACO: 2.13.4 CBI
2659909	2016, BCMW Technical - Batch Data (revised July 14, 2016), DACO: 2.13.3 CBI

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