



Evaluation Report for Category B, Subcategory 1.1 Application

Application Number: 2011-3050
Application: New TGAI Product Chemistry: New source for the same registrant
Product: Safer's De-Moss Technical
Registration Number: 30797
Active ingredients (a.i.): Potassium salts of fatty acids
PMRA Document Number : 2246608

Purpose of Application

The purpose of this application was to register a new source of potassium salts of fatty acids, by the same registrant for the "grandfathered" product Safer's De-Moss Technical, which is currently used in Safer's De-Moss Structural Moss & Algae Killer (Registration number 17102).

Chemistry Assessment

Common Name: Potassium salts or soaps of fatty acids
IUPAC Chemical Name: Fatty acids, C8 – 18 and C18-unsaturated, potassium salts
CAS Chemical Name: Fatty acids, C8 – 18 and C18-unsaturated, potassium salts

Safer's De-Moss Technical has the following properties:

Property	Result
Colour and physical state	Pale amber liquid
Nominal concentration	40%
Odour	Lardy/Alcoholic odour
Density	0.982 g/cm ³
Vapour pressure	N/A
pH	9.7 (2% solution in water)
Solubility in water	N/A
n-Octanol/water partition coefficient	N/A

The chemistry requirements for Safer's De-Moss Technical have been completed.

Health, Environmental and Value Assessment

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

Conclusion

The PMRA has completed an assessment of available information for Safer's De-Moss Technical and has found the information sufficient to grant registration of Safer's De-Moss Technical.

References

PMRA Document Number	Reference
2080516	2011, DACO 2.1 to 2.9 for Safer's De-Moss Technical, DACO: 2.1, 2.2, 2.3, 2.3.1, 2.4, 2.5, 2.6, 2.7, 2.8, 2.9 CBI
2080517	2011, DACO 2.11.1 Manufacturing, DACO: 2.11, 2.11.1, 2.11.3 CBI
2080518	2011, DACO 2.11.2 Description of Starting Materials, DACO: 2.11, 2.11.2 CBI
2080519	2011, DACO 2.11.4 Impurities Discussion, DACO: 2.11.4 CBI
2080520	2011, DACO 2.12.1 Establishment of Certified Limits, DACO: 2.12.1 CBI
2080521	2011, DACO 2.13 Analytical Methods, DACO: 2.13,2.13.1 CBI
2080522	2011, DACO 2.14 Characteristics of De-Moss including Storage Stability, 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 CBI
2080523	2011, DACO 2.15 Sample, DACO: 2.15 CBI
2080524	2011, DACO 2.13.2 and 2.13.3, DACO: 2.13.2, 2.13.3 CBI
2213916	2007, MSD Sheets for all raw materials in Safer's De-moss technical, DACO: 2.11.2 CBI
2213917	2012, WOODCANDT-1, DACO: 2.11.3 CBI
2213919	2009, Fatty Acids E622, E659 & E 1202 certificates of analysis, DACO: 2.13.1 CBI
2213920	1993, Preliminary Analysis of Safer Moss & Algae Attack Concentrate, DACO: 2.13.1 CBI
2213921	2011, De-Moss for Lawns conc PCP 18416 COA, DACO: 2.13.3 CBI

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