

Evaluation Report for Category B, Subcategory 1.1, 1.3, 7.0 Application

Application Number: 2009-0636
Application: New/changes to technical grade active ingredient: new source and changes in product chemistry specifications.
 (site) Reinstatement of registered product.
Product: Coal Tar Creosote
Registration Number: 21876
Active ingredients (a.i.): Creosote
PMRA Document Number : 1947916

Purpose of Application

The purpose of this application was to reinstate the registration of Coal Tar Creosote, (Registration Number 21876), which expired on December 31, 2006 as well as update the product guarantee from minimum to nominal and add two additional manufacturing sites of Coal Tar Creosote.

Chemistry Assessment

Accepted Name: Creosote
 Chemical Name: Creosote

Coal Tar Creosote has the following properties:

Property	Result
Colour and physical state	Yellow Liquid
Nominal concentration	100 %
Odour	Sharp, aromatic, wood-like
Specific gravity	1.071 – 1.075 at 38°C
Vapour pressure	1.5 kPa (24.4 °C)
pH	Not applicable
Solubility in water	313 mg/L
n-Octanol/water partition coefficient	log K _{ow} 3.0 – 3.6

This product is a contaminant of human health or environmental concern, explicitly identified in the Canada Gazette, Part II, Vol. 142, No. 13, SI/2008-67 (2008-06-25). Individual contaminants of human health or environmental concern, expected to be present in the product include naphthalene and other polycyclic aromatic hydrocarbons, as well as aniline and substituted anilines. These compounds constitute part of the active components in the product and are not considered impurities as such.

The chemistry requirements for Coal Tar Creosote are complete.

Health Assessments

The two additional sources of Coal Tar Creosote are considered chemically equivalent to the source of Coal Tar Creosote previously registered and being reinstated under this application therefore; the toxicological profile of the material has not changed and a toxicology assessment was not required.

Environmental and Value Assessment

Environmental and value assessments were not required as part of this application.

Conclusion

The PMRA has completed the assessment of all available information for this application and has concluded that the reinstatement of the registration of Coal Tar Creosote, Registration Number 21876 is acceptable. The change in product guarantee and the addition of two additional sources for the production of Coal Tar Creosote were also found to be acceptable.

References

- 1861570 1998, Product Chemistry for Koppers Industries, Inc. Creosote P1/P13, DACO: 2.14 CBI
- 1790487 CRT-KPT-1 Product Chemistry, DACO: 2.99 CBI
- 1861576 1999, Product Chemistry for Koppers Industries, Inc. Creosote P1/P13 Storage Stability /Corrosion Characteristics, DACO: 2.14.14 CBI
- 1861563 2010, Coal Tar Creosote Manufacturing, DACO: 2.11.1, 2.11.2, 2.11.3 CBI
- 1891868 [CBI removed] procurement standard, DACO: 2.11.2 CBI
- 1891866 Description of starting materials, DACO: 2.11.2 CBI
- 1861567 Batch Data – [CBI removed] Plant, DACO: 2.13.3 CBI
- 1861568 Batch Data – [CBI removed] Plant, DACO: 2.13.3 CBI

1861569 Batch Data – [CBI removed] Plant, DACO: 2.13.3 CBI

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