



## Evaluation Report for Category B, Subcategory 1.1 Application

**Application Number:** 2014-5450  
**Application:** B.1.1 - New Source (sit) - Same Registrant  
**Product:** 1,4Sight Technical  
**Registration Number:** 29835  
**Active ingredients (a.i.):** 1,4-Dimethylnaphthalene  
**PMRA Document Number :** **2566371**

### Purpose of Application

The purpose of this application was to add a new source (site) of manufacture to 1,4Sight Technical.

### Chemistry Assessment

Common Name: 1,4-Dimethylnaphthalene  
IUPAC\* Chemical Name: 1,4-Dimethylnaphthalene  
CAS† Chemical Name: 1,4-Dimethylnaphthalene

\* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

1,4Sight Technical has the following properties:

Property	Result
Colour and physical state	Pale yellow liquid
Nominal concentration	99.1%
Odour	Petroleum distillate odour
Specific gravity at 25°C	1.014
Vapour pressure	<u>Temp (°C)</u> <u>Vapour pressure (Pa)</u>
	25                      2.5
	35                      4.85
	45                      11.7
pH	5.9
Solubility in water at 25°C	5.1 ppm
n-Octanol/water partition coefficient	Log K <sub>ow</sub> = 4.372

The required chemistry data for 1,4Sight Technical have been provided, reviewed, and found to be acceptable.

### **Health, Environmental and Value Assessments**

Health, environmental and value assessments were not required.

### **Conclusion**

The PMRA has reviewed the information provided in support of adding a new source (site) of manufacture to 1,4Sight Technical. Based on this review, the new site (source) of manufacture is acceptable for full registration.

### **References**

- 2476010      2014, Manufacturing Summary, DACO: 2.1,2.11.1,2.11.2,2.11.3,2.11.4,2.2 CBI
- 2476011      2014, Analysis and Certification of Product Ingredients in Five Production Batches of 1,4-Dimethylnaphthalene, DACO: 2.13.1,2.13.2,2.13.3 CBI
- 2554180      2015, Response to clarification of 10JUN15 email, DACO: 2.11,2.13.3 CBI

ISSN: 1911-8082

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