

## Evaluation Report for Category B, Subcategory 4.6 Application

**Application Number:** 2010-3752  
**Application:** Application to fulfill conditions of registration on a product with full registration.  
**Product:** Sodium Omadine 40% Technical  
**Registration Number:** 29714  
**Active ingredients (a.i.):** Sodium omadine  
**PMRA Document Number English PDF:** 2009479

### Purpose of Application

The purpose of this application was to fulfil the chemistry data requirements for the fully registered product Sodium Omadine 40% Technical, Registration Number 29714, which were identified during the review of the original B.1.1 application (submission number 2007-8441).

### Chemistry Assessment

Common Name: sodium 2-pyridinethiol-1-oxide or sodium pyrithione  
 Chemical Name: sodium 2-pyridinethiol-1-oxide

Sodium Omadine 40% Technical has the following properties:

Property	Result
Colour and physical state	amber liquid
Nominal concentration	sodium 2-pyridinethiol-1-oxide at 40.5%
Odour	mild
Specific gravity	1.2 at 25°C
Vapour pressure	14.05 mmHg
pH	8.5 (10% solution)
Solubility in water	Not applicable since the product is a solution
n-Octanol/water partition coefficient	Not applicable since the product is a salt which will dissociate completely in water.

The chemistry requirements for Sodium Omadine 40% Technical have been completed.

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

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

## **Conclusion**

The PMRA has conducted a review of the available information for this application and has found the information sufficient to complete the chemistry requirements for Sodium Omadine 40% Technical.

## **References**

- 1946856 Preliminary Analysis of Sodium Omadine 40% Aqueous Solution, DACO: 2.13.1 CBI
- 1946858 Confirmation of Identity, DACO: 2.13.2 CBI
- 1946997 2010, Preliminary Analysis of Sodium Omadine 40% Aqueous Solution, DACO: 2.13.1 CBI
- 1946998 Preliminary Analysis, DACO: 2.13.2 CBI
- 2005120 2010, Characterization of impurity, DACO: 2.13.2
- 2005121 2010, Characterization of impurity, DACO: 2.13.2
- 2005122 1996, Characterization of Possible Degradation Products of Zinc Omadine, DACO: 2.13.2

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