

Evaluation Report for Category B, Subcategory 7.0 Application

Application Number: 2011-1249
Application: Reinstatement of Registered Product
Product: K.A. Steel Sodium Hypochlorite
Registration Number: 25536
Active ingredients (a.i.): Sodium Hypochlorite
PMRA Document Number: 2092820

Background

K.A. Steel Sodium Hypochlorite (Registration Number 25536) was first registered in 1998. In 2003, the PMRA accepted the applicant's notice to discontinue the product since it had never been shipped to Canada.

Purpose of Application

The purpose of the application is to reinstate the registration of this product.

Chemistry Assessment

Common Name: Sodium hypochlorite
 Chemical Name: Sodium hypochlorite
 CAS Number: 7681-52-9

K.A. Steel Sodium Hypochlorite has the following properties:

Property	Result
Color and physical state	Yellow aqueous fluid
Nominal concentration (available chlorine)	16.00%
Odour	Characteristic odour of bleach
Specific gravity	1.205 – 1.215
Vapour pressure	84393 Pa at 100°C 2760 Pa at 25°C
pH	11.75
Water solubility	Not applicable, product is an aqueous solution.
n-octanol/water partition coefficient (K_{ow})	Not applicable, product is an aqueous solution of ionic solute.

The chemistry requirements for K.A. Steel Sodium Hypochlorite have been completed.

Health Assessments

Residue and Exposure assessments were not required for this application.

No acute toxicity studies were required for this application.

Environmental and Value Assessment

Environmental and value assessments were not required for this application.

Conclusion

An assessment of the provided information has been completed and the request to reinstate K.A. Steel Sodium Hypochlorite (Registration Number 25536) has been supported.

References

- 2087901 2011, Laboratory results, DACO: 2.13.4 CBI
- 2087949 2011, Laboratory results, DACO: 2.13.4 CBI
- 2090482 2011, Laboratory results, DACO: 2.13.3 CBI
- 2092014 2011, Laboratory results, DACO: 2.13.4 CBI
- 1349321 1997, Manufacturing Process, Product Analysis and Physical and Chemical Properties., DACO: 2.0 CBI

ISSN: 1911-8082

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