

Evaluation Report for Category B, Subcategories 1.1, 4.6 Application

Application Number: 2018-0521
Application: Changes TGAI Chemistry-New Source (site) same registrant
Conversion to Ltd. or Term-Fulfill conditions of registration
Product: Sodium Hypochlorite Solution
Registration Number: 25619
Active ingredient (a.i.): Sodium hypochlorite
PMRA Document Number : 2963191

Purpose of Application

The purpose of this submission was to submit a new Statement of Product Specification Form with supporting batch data for an adjustment to the guarantee for Sodium Hypochlorite Solution, Reg. No. 25619.

Chemistry Assessment

Common Name: Sodium hypochlorite
IUPAC* Chemical Name: Sodium hypochlorite
CAS† Chemical Name: Hypochlorous acid, sodium salt (1:1)

* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

Sodium Hypochlorite Solution has the following properties:

Property	Result
Colour and physical state	Clear, pale yellow liquid
Nominal concentration	Available chlorine, present as sodium hypochlorite ... 15.8%
Odour	Pungent chlorine
Specific gravity	1.25
Vapour pressure	~2–2.5 kPa (20 °C)
pH	> 11
Solubility in water	Not applicable, product is an aqueous solution
n-Octanol/water partition coefficient	Not applicable, product is an aqueous solution of ionic solute

The required chemistry data for Sodium Hypochlorite Solution have been

provided, reviewed, and found to be acceptable.

Health, Environmental and Value Assessments

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

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found it sufficient to approve the new Statement of Product Specification Form for Sodium Hypochlorite Solution.

References

PMRA References

Document Number

2847056	2018, Batch Data, DACO: 2.13.3 CBI
2951477	2019, Batch Data, DACO: 2.13.3 CBI
2951478	2019, Batch Data, DACO: 2.13.3 CBI

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