

Evaluation Report for Category B, Subcategory 1.1 Application

Application Number: 2018-2585
Application: Changes to TGAI Product Chemistry - New site, same registrant
Product: Lavo 12% Trade
Registration Number: 26684
Active ingredient (a.i.): Available chlorine, present as sodium hypochlorite
PMRA Document Number: 3045276

Purpose of Application

The purpose of this application was to add a new manufacturing site to the registered technical grade active ingredient (TGAI), Lavo 12% Trade.

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

Lavo 12% Trade has the following properties:

Property	Result
Colour and physical state	Pale yellow liquid
Nominal concentration	10.3% as available chlorine
Odour	Chlorine
Density	1.15 – 1.17 g/mL
Vapour pressure	~3.2 kPa
pH	11.5 – 13.0
Solubility in water	Completely miscible
n-Octanol/water partition coefficient	Not applicable

The required chemistry data for Lavo 12% Trade have been provided, reviewed, and found to be acceptable.

Value, Health and Environmental Assessments

Value, health and environmental assessments were not required for this application.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information sufficient to add a new manufacturing site to the registered TGAI, Lavo 12% Trade.

References

PMRA No.	Reference
3019091	2019, Table matieres CODO, DACO: 2.0 CBI
3019092	2019, CODO 2.11.1 Sommaire de fabrication, DACO: 2.11.1 CBI
3019093	2019, CODO 2.11.2 Description des matieres premieres, DACO: 2.11.2 CBI
3019096	2019, CODO 2.11.3 Description detaillee du procede de fabrication, DACO: 2.11.3 CBI
3019097	2019, CODO 2.11.4 Formation des impuretes, DACO: 2.11.4 CBI
3019098	2019, CODO 2.13.1 Methodologie validation, DACO: 2.13.1 CBI
3019099	2019, Methode 5.2.0 Sodium Hypochlorite Titration, DACO: 2.13.1 CBI
3019100	2019, Methode 5.2.1 Sodium Hypochlorite titration visual aid, DACO: 2.13.1 CBI
3019101	2019, Methode 5.3.0 [CBI REMOVED], DACO: 2.13.1 CBI
3019102	2019, Methode 5.3.1 [CBI REMOVED], DACO: 2.13.1 CBI
3019103	2019, Methode 5.14.0 Appearance and Clarity Evaluation, DACO: 2.13.1 CBI
3019104	2019, Methode 5.18.0 Specific Gravity by digital Meter, DACO: 2.13.1 CBI
3019105	2019, CODO 2.13.2 Confirmation de l'identite, DACO: 2.13.2 CBI
3019106	2019, CODO 2.13.3 Donnees sur les lots, DACO: 2.13.3 CBI

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