

Evaluation Report for Category B, Subcategory 1.1 Application

Application Number: 2018-2857
Application: Changes to TGAI Product Chemistry - New site, same registrant
Product: Lavo 19% Trade
Registration Number: 27344
Active ingredient (a.i.): Available chlorine, present as sodium hypochlorite
PMRA Document Number: 3045282

Purpose of Application

The purpose of this application was to add a new manufacturing site to the registered technical grade active ingredient (TGAI), Lavo 19% 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 19% Trade has the following properties:

Property	Result
Colour and physical state	Pale to greenish-yellow liquid
Nominal concentration	15.8% as available chlorine
Odour	Chlorine
Density	1.248 – 1.250 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 19% 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 19% Trade.

References

PMRA No.	Reference
3021412	2019, Table matieres CODO, DACO: 2.0 CBI
3021414	2019, CODO 2.11.1 Sommaire de fabrication, DACO: 2.11.1 CBI
3021415	2019, CODO 2.11.2 Description des matieres premieres, DACO: 2.11.2 CBI
3021418	2019, CODO 2.11.3 Description detaillee du procede de fabrication, DACO: 2.11.3 CBI
3021419	2019, CODO 2.11.4 Formation des impuretes, DACO: 2.11.4 CBI
3021420	2019, CODO 2.13.1 Methodologie validation, DACO: 2.13.1 CBI
3021421	2019, Methode 5.2.0 Sodium Hypochlorite Titration, DACO: 2.13.1 CBI
3021422	2019, Methode 5.2.1 Sodium Hypochlorite titration visual aid, DACO: 2.13.1 CBI
3021423	2019, Methode 5.3.0 [CBI REMOVED], DACO: 2.13.1 CBI
3021424	2019, Methode 5.3.1 [CBI REMOVED], DACO: 2.13.1 CBI
3021426	2019, Methode 5.14.0 Appearance and Clarity Evaluation, DACO: 2.13.1 CBI
3021427	2019, Methode 5.18.0 Specific Gravity by digital Meter, DACO: 2.13.1 CBI
3021428	2019, CODO 2.13.2 Confirmation de l'identite, DACO: 2.13.2 CBI
3021429	2019, CODO 2.13.3 Donnees sur les lots, DACO: 2.13.3 CBI
3036938	2019, 27344 CODO 2.13.3 Donnees de lots – [PRIVACY INFO REMOVED] 20190924, DACO: 2.13.3 CBI

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