

## Evaluation Report for Category B, Subcategory 1.1 Application

**Application Number:** 2018-3377  
**Application:** Changes to TGAI Product Chemistry - New site, same registrant  
**Product:** Lavo 15.5% Technical  
**Registration Number:** 27346  
**Active ingredient (a.i.):** Available chlorine, present as sodium hypochlorite  
**PMRA Document Number :** 3045304

### Purpose of Application

The purpose of this application was to add a new manufacturing site to the registered technical grade active ingredient (TGAI), Lavo 15.5% Technical.

### 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 15.5% Technical 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 15.5% Technical 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 15.5% Technical.

## References

<b>PMRA No.</b>	<b>Reference</b>
3019069	2019, Table matieres CODO, DACO: 2.0 CBI
3019070	2019, CODO 2.11.1 Sommaire de fabrication, DACO: 2.11.1 CBI
3019071	2019, CODO 2.11.2 Description des matieres premieres, DACO: 2.11.2 CBI
3019074	2019, CODO 2.11.3 Description detaillee du procede de fabrication, DACO: 2.11.3 CBI
3019075	2019, CODO 2.11.4 Formation des impuretes, DACO: 2.11.4 CBI
3019076	2019, CODO 2.13.1 Methodologie validation, DACO: 2.13.1 CBI
3019077	2019, Methode 5.2.0 Sodium Hypochlorite Titration, DACO: 2.13.1 CBI
3019078	2019, Methode 5.2.1 Sodium Hypochlorite titration visual aid, DACO: 2.13.1 CBI
3019079	2019, Methode 5.3.0 [CBI REMOVED], DACO: 2.13.1 CBI
3019080	2019, Methode 5.3.1 [CBI REMOVED], DACO: 2.13.1 CBI
3019081	2019, Methode 5.14.0 Appearance and Clarity Evaluation, DACO: 2.13.1 CBI
3019082	2019, Methode 5.18.0 Specific Gravity by digital Meter, DACO: 2.13.1 CBI
3019083	2019, CODO 2.13.2 Confirmation de l'identite, DACO: 2.13.2 CBI
3019084	2019, CODO 2.13.3 Donnees sur les lots, DACO: 2.13.3 CBI

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