

## Evaluation Report for Category B, Subcategory 7.0 Application

**Application Number:** 2020-0807  
**Application:** Reinstatement of Registered Product  
**Product:** Sodium Hypochlorite 10.8%  
**Registration Number:** 23344  
**Active ingredient (a.i.):** Available chlorine, present as sodium hypochlorite  
**PMRA Document Number :** 3189337

### Purpose of Application

The purpose of this application was to reinstate the registration of the technical grade product, Sodium Hypochlorite 10.8%.

### 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 10.8% has the following properties:

| Property                              | Result                       |
|---------------------------------------|------------------------------|
| Colour and physical state             | Greenish-yellow liquid       |
| Nominal concentration                 | 10.9% as available chlorine  |
| Odour                                 | Chlorine                     |
| Density                               | 1.16-1.17 (specific gravity) |
| Vapour pressure                       | ~3.2 kPa                     |
| pH                                    | 12.9                         |
| Solubility in water                   | Completely miscible          |
| n-Octanol/water partition coefficient | Not applicable               |

The required chemistry data for Sodium Hypochlorite 10.8% 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 reinstate the registration of Sodium Hypochlorite 10.8%.

## **References**

None.

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