



## Evaluation Report for Category B, Subcategory 1.1 Application

**Application Number:** 2008-0362  
**Application:** New Source (site) same registrant  
**Product:** PL 12% Trade  
**Registration Number:** 27459  
**Active ingredients (a.i.):** Sodium Hypochlorite [SHC]  
**PMRA Document Number :** 1869922

### Purpose of Application

The purpose of this application was to add a new manufacturing site by the same registrant to PL 12% Trade (Reg. No. 27459).

### Chemistry Assessment

Common name: sodium hypochlorite (produces available chlorine)  
Chemical name: sodium hypochlorite

PL 12% Trade has the following properties:

Property	Results
Colour and physical state	Clear to pale yellow or slightly green liquid
Nominal concentration	10.3 % available chlorine
Odour	Strong chlorine odour
Density	1.165 g/mL
Vapour pressure	1.6 kPa
pH	11.5 – 13.0
Solubility in water	Completely soluble in water
n-Octanol/water partition coefficient	N/A (reacts with octanol)

The chemistry requirements for PL 12% Trade have been completed.

### Health, Environmental and Value Assessments

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

## Conclusion

The PMRA has conducted a review of the available information and can support the addition of a new manufacturing site for PL 12% Trade.

## References

### 7.1.1 Studies/Information Provided by Applicant/Registrant

1549051	Applicant's Name & Address, DACO: 2.1,2.2,2.3,2.3.1,2.4,2.5,2.6,2.7,2.8,2.9 CBI
1549052	Manufacturing Summary, DACO: 2.11.1 CBI
1549053	Description of Starting Materials, DACO: 2.11.2 CBI
1549055	Detailed Production Process Description, DACO: 2.11.3 CBI
1549056	Discussion of Formation Of Impurities, DACO: 2.11.4 CBI
1549057	Establishing Certified Limits, DACO: 2.12.1 CBI
1549058	Methodology/Validation, DACO: 2.13.1 CBI
1549059	Confirmation of Identity, DACO: 2.13.2 CBI
1549060	Batch Data, DACO: 2.13.3 CBI
1549061	Colour, DACO: 2.14.1,2.14.10,2.14.11,2.14.12,2.14.13,2.14.14,2.14.2,2.14.3,2.14.4,2.14.5,2.14.6,2.14.7,2.14.8,2.14.9,2.15 CBI
1549062	Storage Stability Data, DACO: 2.14.14 CBI
1563102	Applicant's Name & Address, DACO: 2.1,2.2 CBI
1779551	DACO 2.11.2 - Starting materials , DACO: 2.11.2 CBI
1779552	Material Safety Data Sheet, DACO: 2.12
1779553	Material Safety Data Sheet, DACO: 2.12
1779554	Specifications, DACO: 2.12
1779555	Brief Description of Each Reactor or Sodium Hypo Tank Role, DACO: 2.11.3 CBI
1779557	DACO 2.13.1, Methodology Validation, DACO: 2.13.1 CBI
1779558	DACO 2 - 2.12.1 Establishing Certified Limits *, DACO: 2.12.1 CBI
1779559	Batch Data, DACO: 2.13.3 CBI
1779560	Item Specification, DACO: 2.12.2

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