



Evaluation Report for Category B, Subcategory 1.2 Application

Application Number: 2006-6447
Application: New source by different registrant
Product: Ultra Clorox Bleach
Registration Number: 28752
Active ingredients (a.i.): sodium hypochlorite
PMRA Document Number: 1495273

Background

The original source of sodium hypochlorite technical grade active ingredient, “Javex TA” (Reg. No.22709) was first registered in 1992.

Purpose of Application

The purpose of this application is to register a new technical source of sodium hypochlorite.

Chemistry Assessment

Common Name: sodium hypochlorite
IUPAC Chemical Name: sodium hypochlorite
CAS Chemical Name: hypochlorous acid, sodium salt

Clethodim Technical Herbicide has the following properties:

Property	Result
Colour and physical state	Light yellow liquid
Nominal concentration	6.95 %
Odour	Characteristic chlorine odour
Density	1.10 g/mL
pH	11.4
Solubility in water	Completely soluble

The chemistry requirements for Ultra Clorox Bleach are complete.

Health Assessments

N/A

Environmental Assessment

N/A

Value assessment

A value assessment is not required for technical grade active ingredient products.

Conclusions

The PMRA has completed its evaluation of the subject application and has determined that Ultra Clorox Bleach is eligible for full registration.

References

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PMRA 1302599. 2001, Manufacturing Standards Raw Material, Clorox Products Manufacturing Company, DACO: 2.11.2.

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PMRA 1302602. 2006, Establishing Certified Limits, Clorox Products Manufacturing Company, DACO: 2.12.1.

PMRA 1302605. 2004, Validation of Titration Method for Hypochlorite Determination, The Clorox Technical Centre, 5813-VA-010, DACO: 2.13.1.

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PMRA 1302608. 1994, Preliminary Analysis of a Liquid Bleach, The Clorox Technical Centre, 5813-EX-030, DACO: 2.13.3.

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