



## Evaluation Report for Category B, Subcategory 4.6 Application

**Application Number:** 2008-2962  
**Application:** Application to fulfill conditions of registration on a product with full registration.  
**Product:** Bispyribac-Sodium Technical  
**Registration Number:** 28832  
**Active ingredients (a.i.):** Bispyribac-sodium  
**PMRA Document Number :** 1792220

### Background

Bispyribac-Sodium Technical was first fully registered in 2008 to be used in the commercial end-use product Velocity SP Herbicide (Registration Number 28833) as a selective post emergent herbicide to reduce annual bluegrass in turf on golf courses and sod farms.

### Purpose of Application

The purpose of this application was to address a data gap identified during the review of the original Category A.3.1 submission to register bispyribac-sodium (submission 2006-4729). Batch data was provided for review.

### Chemistry Assessment

Common name: Bispyribac-sodium

Chemical name: Sodium 2,6-bis[(4,6-dimethoxypyrimidin-2-yl)oxy]benzoate

Bispyribac-Sodium Technical has the following properties:

| Property                              | Results                         |
|---------------------------------------|---------------------------------|
| Colour and physical state             | White solid granular powder     |
| Nominal concentration                 | 93.2 % acid equivalent          |
| Odour                                 | Odourless                       |
| Density                               | 1.29 g/mL                       |
| Vapour pressure                       | $1 \times 10^{-7}$ mmHg         |
| pH                                    | 6.45 (5 % w/v in water at 25°C) |
| Solubility in water                   | 6.75 g/100 mL at 25°C           |
| n-Octanol/water partition coefficient | Log Kow = 2.64 at pH 1.85       |

The chemistry requirements for Bispyribac-Sodium Technical have been completed.

## **Health Assessments**

A health assessment was not required for this application.

## **Environmental Assessment**

An environmental assessment was not required for this application.

## **Value Assessment**

A value assessment was not required for this application.

## **Conclusion**

The PMRA has completed an assessment of available information for Bispyribac-Sodium Technical and has found the information sufficient to complete the chemistry requirements.

## **References**

- 1622965      2008, Analysis Of Composition Of Bispyribac-Sodium (TGAI) -Analysis Of Five Batches Manufactured On A Commercial Plant, DACO: 2.13.3
- 1622966      2008, Analysis Of Composition Of Bispyribac-Sodium (TGAI) -Analysis Of Five Batches Manufactured On A Commercial Plant, DACO: 2.13.3 CBI

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