

## Evaluation Report for Category B, Subcategory 1.1 Application

**Application Number:** 2014-1057  
**Application:** Changes to technical grade active ingredient product chemistry –  
 New source, same registrant  
**Product:** Winfield Phosphite TGAI  
**Registration Number:** 30652  
**Active ingredients (a.i.):** Mono & di-potassium salt of phosphorous acid  
**PMRA Document Number:** 2473321

### Purpose of Application

The purpose of this application was to register an alternate manufacturing site for the technical product, Winfield Phosphite TGAI (Registration Number 30652; guarantee 53% Mono & di-potassium salt of phosphorous acid).

### Chemistry Assessment

**Common Name:** Potassium phosphite  
**IUPAC\* Chemical Name:** Monopotassium phosphonate  
 Dipotassium phosphonate  
**CAS† Chemical Name:** Phosphonic acid, potassium salt (1:1)  
 Phosphonic acid, potassium salt (1:2)

\* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

Winfield Phosphite TGAI has the following properties:

Property	Result
Colour and physical state	Clear colourless liquid
Nominal concentration	53.0%
Odour	Faint
Density	1.468 g/mL
Vapour pressure	N/A – aqueous solution
pH	6.27
Solubility in water	Miscible

<b>Property</b>	<b>Result</b>
n-Octanol/water partition coefficient	N/A – compounds are insoluble in octanol

The chemistry requirements for Winfield Phosphite TGAI have been fulfilled.

### **Health, Environmental and Value Assessments**

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

### **Conclusion**

The PMRA has completed a review of information in support of Winfield Phosphite TGAI, and has found the information sufficient to register an alternate manufacturing site for the technical product.

## References

<b>PMRA Document Number</b>	<b>Reference</b>
2406757	2014, Applicants Name and Office Address, DACO: 2.1 CBI
2406758	2014, Manufacturers Name and Office Address and Manufacturing Plants name and Address, DACO: 2.2 CBI
2406759	2014, , DACO: 2.11.1 CBI
2406760	2014, , DACO: 2.11.2 CBI
2406761	2014, , DACO: 2.11.3 CBI
2406762	2014, , DACO: 2.11.4 CBI
2406763	2014, Preliminary Analysis of Confine Extra, DACO: 2.12.1,2.13.1,2.13.2,2.13.3 CBI
2480414	2014, Clarification batch data, DACO: 2.13.3 CBI
2480415	2014, Cover letter, DACO: 2.13.3 CBI

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