

## Evaluation Report for Category B, Subcategory 1.3 Application

**Application Number:** 2014-1719  
**Application:** Changes TGAI or ISP Prod Chemistry-Specifications  
**Product:** Cheminova Florasulam Technical Herbicide  
**Registration Number:** 30830  
**Active ingredients (a.i.):** Florasulam  
**PMRA Document Number :** 2535382

### Purpose of Application

The purpose of this application was to change the chemistry specifications from new batch data from full scale production.

### Chemistry Assessment

**Common Name:** Florasulam  
**IUPAC Chemical Name:** 2',6',8-trifluoro-5-methoxy[1,2,4]triazolo[1,5-c]pyrimidine-2-sulfonanilide  
**CAS Chemical Name:** *N*-(2,6-difluorophenyl)-8-fluoro-5-methoxy[1,2,4]triazolo[1,5-c]pyrimidine-2-sulfonamide

Cheminova Florasulam Technical Herbicide has the following properties:

Property	Result
Colour and Physical state	White solid
Nominal guarantee	Quizalofop P-Ethyl at 98%
Odour	Odourless
Density at 20°C	0.730 – 0.872 g/mL
Vapour pressure	$6.6 \times 10^{-5}$ Pa at 25°C
Dissociation constant (pK <sub>a</sub> )	No dissociable moiety
Octanol/water partition coefficient (K <sub>ow</sub> )	log K <sub>ow</sub> = 4.29 – 4.32 at 20°
pH	4.4 (1% w/v aqueous)

The chemistry requirements for Cheminova Florasulam Technical Herbicide have been fulfilled.

### **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 is able to support the change in the chemistry specifications for the end-use product, Cheminova Florasulam Technical Herbicide.

### **References**

<b>PMRA Document Number</b>	<b>Reference</b>
2425752	2013, 5 batch analysis, DACO: 2.13.3 CBI
2425753	2013, Discussion of Formation of Impurities, DACO: 2.11.4 CBI
2425754	2013, Manufacturing process, DACO: 2.11.3 CBI
2533267	2015, Manufacturing process, DACO: 2.11.3 CBI

ISSN: 1911-8082

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