



## Evaluation Report for Category L, Subcategory 1.1 Application

**Application Number:** 2022-0324  
**Application:** Submission subject to the *Protection of Proprietary Interests in Pesticide Data* (PPIP) policy - Equivalency/Data Compensation Assessment  
**Product:** Maxunitech Sulfentrazone Technical  
**Registration Number:** 34897  
**Active ingredient (a.i.):** Sulfentrazone  
**PMRA Document Number :**3406203

### Purpose of Application

The purpose of this application was to register Maxunitech Sulfentrazone Technical, based on a precedent product.

### Chemistry Assessment

**Common Name:** Sulfentrazone  
**IUPAC\* Chemical Name:** 2',4'-dichloro-5'-[4-(difluoromethyl)-4,5-dihydro-3-methyl-5-oxo-1H-1,2,4-triazol-1-yl]methanesulfonamide  
**CAS† Chemical Name:** N-[2,4-dichloro-5-[4-(difluoromethyl)-4,5-dihydro-3-methyl-5-oxo-1H-1,2,4-triazol-1-yl]phenyl]methanesulfonamide

\* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

Maxunitech Sulfentrazone Technical has the following properties:

Property	Result
Colour and physical state	Off white
Nominal concentration	96.2 %
Odour	Practically Odourless
Density	0.439 – 0.564 g/mL
Vapour pressure	0.107 µPa at 25 °C
pH	5.26, 1 % w/w solution

Property	Result	
Solubility in water	0.4 mg/g at 25 °C	
n-Octanol/water partition coefficient	<u>pH</u>	<u>log K<sub>ow</sub></u>
	5	31.1
	7	9.8
	9	0.27

The required chemistry data for Maxunitech Sulfentrazone Technical have been provided, reviewed, and found to be acceptable.

### **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 has found the information sufficient to register Maxunitech Sulfentrazone Technical.

## References

### PMRA

#### Document

<b>Number</b>	<b>Reference</b>
3313932	2022, Manufacturing Process for Sulfentrazone Technical, DACO: 2.11,2.11.1, 2.11.2,2.11.3,2.11.4 CBI
3313934	2015, Five Batch Analysis of Sulfentrazone Technical, DACO: 2.13,2.13.1, 2.13.2,2.13.3,2.13.4 CBI
3313935	2021, Sulfentrazone TC Physical and Chemical Characteristics Color, Physical State, Odor, pH, and Density Bulk Density, DACO: 2.14.1,2.14.15,2.14.2,2.14.3, 2.14.6,830.7000 CBI
3313936	2022, Maxunitech Sulfentrazone Technical TGAI Chemistry Summary Information, DACO: 2.1,2.12.1,2.14.10,2.14.11,2.14.12,2.14.13,2.14.14,2.14.4, 2.14.5,2.14.7,2.14.8,2.14.9,2.2,2.3,2.3.1,2.4,2.5,2.6,2.7,2.8,2.9 CBI

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