

## Evaluation Report for Category L, Subcategory 1.1 Application

**Application Number:** 2017-7463  
**Application:** Submissions subject to PPIP policy-Equivalency/Data Compensation Assessment  
**Product:** NewAgco Thifensulfuron-methyl Technical  
**Registration Number:** 33459  
**Active ingredients (a.i.):** Thifensulfuron-methyl  
**PMRA Document Number** 2967810

### Purpose of Application

The purpose of this application was to register NewAgco Thifensulfuron-methyl Technical, a new source of the technical grade active ingredient thifensulfuron-methyl, by a new registrant based on a precedent.

### Chemistry Assessment

**Common Name:** Thifensulfuron-methyl  
**IUPAC\* Chemical Name:** methyl 3-(4-methoxy-6-methyl-1,3,5-triazin-2-ylcarbamoylsulfamoyl)thiophene-2-carboxylate  
**CAS† Chemical Name:** methyl 3-[[[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino]carbonyl]amino]sulfonyl]-2-thiophenecarboxylate

\* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

NewAgco Thifensulfuron-methyl Technical has the following properties:

Property	Result
Colour and physical state	Off-white solid
Nominal concentration	99.0 %
Odour	odourless
Density	1.63 g/mL at 20°C
Vapour pressure	$5.19 \times 10^{-6}$ mPa
pH	4.16
Solubility in water	$2.24 \times 10^3$ mg/L at 20-25°C

Property	Result	
n-Octanol/water partition coefficient	<u>pH</u>	<u>log K<sub>ow</sub></u>
	9	-2.1
	7	-1.65
	5	0.0253

The required chemistry data for NewAgco Thifensulfuron-methyl 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 it sufficient to register NewAgco Thifensulfuron-methyl Technical, a new source of the technical grade active ingredient thifensulfuron-methyl.

### References

PMRA Document Number	References
2829054	2017, Chemical Abstracts Registry Number, DACO: 2.1,2.2,2.3,2.3.1,2.4,2.5,2.6,2.7,2.8,2.9 CBI
2829055	2017, Manufacturing Summary, DACO: 2.11.1,2.11.2,2.11.3 CBI
2829056	2017, Establishing Certified Limits, DACO: 2.11.4,2.12.1,2.13.1,2.13.2,2.13.3 CBI
2829057	2017, Description of Starting Materials, DACO: 2.11.2 CBI
2829058	2017, Storage Stability Data, DACO: 2.14.10,2.14.13,2.14.14,2.14.5,2.14.7,2.14.8,2.14.9 CBI
2829059	2017, Octanol/Water Partition Coefficient, DACO: 2.14.1,2.14.11,2.14.12,2.14.15,2.14.2,2.14.3,2.14.4,2.14.6,830.7000 CBI
2951850	2019, Detailed Production Process Description, DACO: 2.11.3,2.11.4,2.13.3,2.13.4 CBI
2951852	2018, Impurities of Toxicological Concern, DACO: 2.13.4 CBI
2951853	2018, Impurities of Toxicological Concern, DACO: 2.13.4 CBI

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