

## Evaluation Report for Category B, Subcategory 2.3 and 2.4 Application

**Application Number:** 2010-1266  
**Application:** Changes to product chemistry – Identity and proportion of formulants  
**Product:** Thifensulfuron Methyl 75 DF  
**Registration Number:** 25444  
**Active ingredients (a.i.):** Thifensulfuron methyl  
**PMRA Document Number English PDF:** 1993695

### Purpose of Application

The purpose of this application was to add an alternate formulation to the registration of Thifensulfuron Methyl 75 DF (Registration number 25444).

### Chemistry Assessment

Thifensulfuron Methyl 75 DF is formulated as wettable granules containing thifensulfuron-methyl at a nominal concentration of 75%. This manufacturing concentrate has a density of 0.64-0.78 g/mL and a pH of 5.9. The chemistry requirements for Thifensulfuron Methyl 75 DF are complete.

### Health Assessments

Thifensulfuron Methyl 75 DF exhibits low acute oral ( $LD_{50} > 5000$  mg/kg bw), dermal ( $LD_{50} > 5000$  mg/kg bw) and inhalation ( $LC_{50} > 5.3$  mg/L) toxicity in the rat. It is minimally irritating (MAS = 1.31/110) to the eye and slightly irritating (MAS = 1.0/8.0) to the skin of the rabbit. It is not a dermal sensitizer in the guinea pig.

Dietary and occupational exposure assessments were not required for this application.

### Environmental and Value Assessment

Environmental and value assessments were not required for this application.

### Conclusion

The PMRA has completed an assessment of available information for Thifensulfuron Methyl 75 DF and has found the information sufficient to add an alternate formulation to the registration of Thifensulfuron Methyl 75 DF.

## References

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