



## Evaluation Report for Category B, Subcategory 2.1, 2.3, 2.4, 2.5 Application

**Application Number:** 2011-0736  
**Application:** New/changes EP or MA Product Chemistry – Guarantee, Identity of formulants, proportion of formulants and formulation type  
**Product:** S-Metolachlor CS 51 Manufacturing Concentrate  
**Registration Number:** 30452  
**Active ingredients (a.i.):** S-Metolachlor and R-Enantiomer  
**PMRA Document Number:** 2164446

### Purpose of Application

The purpose of this application is to register a new manufacturing concentrate that contains S-metolachlor (Reg. No. 25727), a currently registered active.

### Chemistry Assessment

S-Metolachlor CS 51 Manufacturing Concentrate is formulated as a microcapsule suspension containing S-metolachlor and R-enantiomer at a nominal concentration of 51.0%. This manufacturing concentrate has a density of 1.07 g/mL and pH 7.2 (1% solution in water). The chemistry requirements for S-Metolachlor CS 51 Manufacturing Concentrate are incomplete. The storage stability study and corrosion characteristics study must be provided to complete the chemistry data requirements for this product.

### Health Assessments

S-Metolachlor CS 51 Manufacturing Concentrate is of low acute toxicity by the oral, dermal, and inhalation routes in rats. It is minimally irritating to the rabbit eye and skin. The formulation is not a skin sensitizer in guinea pigs.

Residue and occupational exposure assessments were not required for this review.

### Environmental and Value Assessment

Environmental and value assessments were not required for this review.

### Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided in support of the product, S-Metolachlor CS 51 Manufacturing Concentrate, and has found the information sufficient to register a new manufacturing concentrate that contains S-metolachlor.

## References

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- 2072960 2010, Establishing Certified Limits - S-metolachlor 51% MUP, DACO: 3.3.1 CBI

ISSN: 1911-8082

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