



Change in guarantee, identity of formulants, proportion of formulants and formulation type Evaluation Report for Category B, Subcategory 2 Application

Application Number: 2006-0698
Application: Category B.2.1, B.2.3, B.2.4, B.2.5-S-N-MA (Change in guarantee, identity of formulants, proportion of formulants, formulation type)
Product: Metsulfuron Methyl 20 SG MUP
Registration Number: 28709
Active ingredients (a.i.): Metsulfuron Methyl 20 SG MEP
PMRA Document Number: 1693786

Purpose of Application

The purpose of this submission is to register a new Manufacturing Concentrate that is a soluble granule formulation, containing the registered active ingredient 20213 (Metsulfuron Methyl), and is classified as a Category B.2.1, B.2.3, B.2.4, B.2.5-S-N-MA (Change in guarantee, identity of formulants, proportion of formulants, formulation type.)

Chemistry Assessment

A chemistry assessment was not performed on this product.

Health Assessments

Metsulfuron Methyl 20 SG MUP is considered to be of low acute toxicity via the oral ($LD_{50} > 5000$ mg/kg bw) and dermal ($LD_{50} > 5000$ mg/kg bw) routes and was not considered to pose an acute inhalation hazard. It is considered minimally irritating to the eyes and skin and is not a dermal sensitizer.

To support the registration of the manufacturing concentrate, Metsulfuron Methyl 20 SG MUP, no new residue data were submitted. The use of the manufacturing concentrate to formulate end-use products containing the active ingredient metsulfuron methyl, which is already registered (Registration Number 20213), is not expected to alter the residues in food and feed crops. Therefore, no increase in dietary exposure to metsulfuron methyl is anticipated.

Environmental Assessment

An environmental assessment was not performed on this product.

Value Assessment

A value assessment was not performed on this product.

Conclusion

The PMRA has completed an evaluation of the subject application and has determined that Metsulfuron Methyl 20 SG MUP is eligible for registration.

References

- 1166598 2002, Metsulfuron Methyl (DPX-T6376) 20SG (Soluble Paste Extruded Granule): Acute Oral Toxicity - Fixed Dose Method, E. I. du Pont de Nemours and Company, DuPont-10377, MRID: 45931006, DACO: 4.6.1
- 1166600 2002, Metsulfuron Methyl (DPX-T6376) 20SG (Soluble Paste Extruded Granule): Acute Dermal Toxicity in Rats, E. I. du Pont de Nemours and Company, DuPont-10359, MRID: 45931007, DACO: 4.6.2
- 1166601 2002, Metsulfuron Methyl (DPX-T6376) 20SG (Soluble Paste Extruded Granule): Acute Eye Irritation Study in Rabbits, E. I. du Pont de Nemours and Company, DuPont-10360, MRID: 45931009, DACO: 4.6.4
- 1166603 2002, Metsulfuron Methyl (DPX-T6376) 20SG (Soluble Paste Extruded Granule): Acute Dermal Irritation Study in Rabbits, E. I. du Pont de Nemours and Company, DuPont-10248, MRID: 45931010, DACO: 4.6.5
- 1166604 2002, Metsulfuron Methyl (DPX-T6376) 20SG (Soluble Paste Extruded Granule): Dermal Sensitization - Magnusson-Kligman Maximization Method, Product Safety Labs, DuPont-10018, MRID: 45734601, DACO: 4.6.6
- 1166611 2006, ACUTE INHALATION TOXICITY - DATA CITATION TO SUPPORT REGISTRATION OF METSULFURON METHYL 20SG MUP, MRID: N/A, DACO: 4.6.3
- 1166612 2002, METSULFURON METHYL 20SG WATER-SOLUBLE GRANULAR HERBICIDE FORMULATION: LABORATORY STUDY OF PHYSICAL AND CHEMICAL PROPERTIES, E. I. du Pont de Nemours and Company, DuPont-9778, MRID: N/A, DACO: 4.6.3

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