

Evaluation Report for Category B.1.1,B.1.3 Application

Application Number: 2012-1616
Application: New Source (site) - same registrant, Specifications
Product: Technical Touchdown Herbicide
Registration Number: 28983
Active ingredients (a.i.): Glyphosate (GPS)
PMRA Document Number: 2254898

Purpose of Application

The purpose of this application was to add a new site of manufacture for Technical Touchdown Herbicide.

Chemistry Assessment

Common Name: Glyphosate
IUPAC Chemical Name: N-(phosphonomethyl)glycine
CAS Chemical Name: N-(phosphonomethyl)glycine

Technical Touchdown Herbicide has the following properties:

Property	Result
Colour and physical state	White solid
Nominal concentration	97.1 %
Odour	No characteristic odour
Density @ 20°C	1.84 g/cm ³
Vapour pressure @ 20°C	< 1 × 10 ⁻⁸ kPa
pH	1.9 (1% w/v dispersion)
Solubility in water	10 g/L (20°C)
n-Octanol/water partition coefficient (K _{ow})	Log K _{ow} < -1.3

The chemistry requirements for Technical Touchdown Herbicide have been completed.

Health Assessments

Technical Touchdown Herbicide is of low acute toxicity by the oral ($LD_{50} > 5000$ mg/kg bw), dermal ($LD_{50} > 5000$ mg/kg bw) and inhalation ($LC_{50} > 5.04$ mg/L) routes. It is corrosive to rabbit eyes and minimally irritating ($MAS_{24-72h} = 0.1/8$) to rabbit skin. This product is not a skin sensitizer in mice.

Environmental and Value Assessment

No environmental or value assessment were required for this application.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of information available in support of Technical Touchdown Herbicide and has found the information sufficient to support the new site of manufacture for the Technical Touchdown Herbicide.

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