



Evaluation Report for Category B, Subcategory B1.1 Application

Application Number: 2007-3674
Application: Register a new TGAI by same registrant
Product: Technical Touchdown Herbicide
Registration Number: 28983
Active ingredients (a.i.): Glyphosate
PMRA Document Number: 1582739

Background

Syngenta already has two registered glyphosate technicals (PCP # 24344 and 24460). The original Syngenta source of glyphosate technical grade active ingredient, "Glyphosate Acid Wet Paste Herbicide" (Reg. No. 24344) was first registered in 1995.

Purpose of Application

The purpose of this category B.1.1 is to register a new glyphosate TGAI by Syngenta with a new registration number. This new source of technical grade active ingredient "Technical Touchdown Herbicide" is intended to be used in manufacturing, formulating and repackaging.

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	odourless
Density at 20°C	1.75 g/cm ³
Vapour pressure at 20°C	< 1 x 10 ⁻⁸ kPa

pH	1.9 (1% aqueous solution)
Solubility in water at 20°C	10 g/L
<i>n</i> -Octanol–water partition coefficient at 20°C	log K _{ow} < -1.3

The chemistry requirements for Technical Touchdown Herbicide are complete.

Health Assessments

Health Assessment is not required.

Environmental Assessment

Environmental assessment is not required.

Value Assessment

A value assessment is not required for technical grade active ingredient products.

Conclusion

The PMRA has completed an evaluation of the subject application and has determined that Technical Touchdown Herbicide is eligible for full registration.

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