



Section 12 Notice Additional Information Required to Fulfill the Terms and Conditions for Conditional Registration

Product Name: CLOTHIANIDIN TECHNICAL INSECTICIDE

Registration Number: 27445

Application Number: 2006-7873

PMRA #: 1444640

During the conditional registration period which has been granted to December 31, 2008, the following information is to be generated and must be provided to the Pest Management Regulatory Agency by **June 1, 2008**, and must indicate the DACO numbers specified. A partial response to the outlined Terms and Conditions will not be accepted.

PART 2 CHEMISTRY REQUIREMENTS FOR TECHNICAL GRADE ACTIVE INGREDIENT

DACO: 2.13.3
Title: Batch data

Required Data: The applicant must submit data from the analysis of 5 batches of the TGAI from commercial scale production at the two alternate manufacturing sites (Leverkusen and Tokyo) using the specified processes.

PART 4 TOXICOLOGY

DACO: 4.8
Title: Developmental Immunotoxicity Study

Required DATA: A Developmental Immunotoxicity Study.

When analysis of batches from full scale production of the chemical has been completed, additional toxicological studies may be required if differences in chemical composition were noted compared to the pilot scale production analysis.

PART 8 ENVIRONMENTAL CHEMISTRY AND FATE

DACO: 8.3.4
Title: Special studies of environmental fate (A prospective groundwater monitoring study (PGW) with a study protocol submitted prior to the conduct of the study).

Required DATA: None at this time

Note: As an interim measure, the following study is required in lieu of the PGW study to refine estimates of the amount of clothianidin likely to leach to groundwater. If these refinements are insufficient to reduce concern about clothianidin leaching to the groundwater, then a PGW study may be required.

DACO: 8.5
Title: Long term hydrolysis study (pH 7)

Required DATA: A full long-term hydrolysis study conducted at a lower temperature (10 °C) relevant to groundwater in Canada for one year or until a 50% decline is observed. As outlined in the letter of July 24, 2003 (Sexsmith to Lidstone), shorter term hydrolysis studies should also be run concurrently at several elevated temperatures (20, 30, 40, 50 °C) in order to determine if hydrolysis takes place at all, and to extrapolate to lower temperatures if appropriate. Absence of hydrolysis at elevated temperatures will allow the lower temperature runs to be terminated sooner than we would otherwise require.

PART 9 ENVIRONMENTAL TOXICOLOGY

DACO: 9.2.7
Title: Acute oral toxicity study to other terrestrial invertebrates

Required DATA: Acute toxicity data to leaf-cutter bees.

DACO: 9.6.2.3
Title: Acute toxicity to birds

Required DATA: Data on acute toxicity to house sparrow and red-winged blackbird are required.