

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

Product Name: PINOXADEN TECHNICAL

Registration Number: 28149

Application Number: 2006-7460

PMRA #: 1443100

During the conditional registration period which has been granted to December 31, 2007, the following information is to be generated and must be provided to the Pest Management Regulatory Agency by **December 1, 2007**, and must indicate the DACO numbers specified. A partial response to the outlined Terms and Conditions will not be accepted.

PART 8 ENVIRONMENTAL CHEMISTRY AND FATE

DACO: 8.2.2.3
Title: Analytical method in water

Required Data: A new analytical method in water is necessary for pinoxaden and the transformation product NOA 407854. These methods must address the mechanism of precipitate formation (pinoxaden and the transformation product NOA 407854) in test media used in the aquatic toxicity studies and if these mechanisms are present in the environment. These methods must provide a rationale for sample acidification and, if found necessary, must include methods whereby the exposure concentrations (versus total concentrations) can be determined.

PART 9 ENVIRONMENTAL TOXICOLOGY

DACO: 9.2.4.2
Title: Acute oral bee toxicity study - TGAI

Required Data: A new acute oral bee study is required with pinoxaden. This study must also include a solubility study of pinoxaden in 50% sugar water solution and in any solvents used and dose concentrations must be measured during the study.

DACO: 9.3.2
Title: Acute toxicity to *Daphnia* sp. - TGAI

Required Data: A new acute *Daphnia* sp. study is required with pinoxaden. This study must be conducted at acidic pH values and include repeated measurements of stock and dose solution concentrations during exposure periods. This study must also include a solubility study of pinoxaden in the test media and in any solvents used.

DACO: 9.5.2.1
Title: Acute toxicity to coldwater fish (rainbow trout) - TGAI

Required Data: A new flow-through acute rainbow trout study is required with pinoxaden. This study must be conducted at acidic pH values and include repeated measurements of stock and dose solution concentrations during exposure periods. This study must also include a solubility study of pinoxaden in test water and in any solvents used.

DACO: 9.8.2
Title: Toxicity to freshwater algae - TGAI (Transformation product NOA 407854)

Required Data: A new green algae study is required with NOA 407854. This study must be conducted at acidic pH values. This study must also include a solubility study of NOA 407854 in the test media and in any solvents used.

DACO: 9.8.2
Title: Toxicity to freshwater algae - TGAI (Transformation product NOA 447204)

Required Data: A new green algae study is required with NOA 447204. This study must be conducted at acidic pH values. This study must also include a solubility study of NOA 447204 in the test media and in any solvents used.

DACO: 9.8.5
Title: Toxicity to freshwater vascular plants - TGAI

Required Data: A new toxicity study *Lemna* sp. study is required with pinoxaden (static renewal). This study must be conducted at acidic pH values. This study must also include a solubility study of pinoxaden in the test media and in any solvents used.

DACO: 9.8.5
Title: Toxicity to freshwater vascular plants - TGAI (transformation product NOA 407854)

Required Data: A new *Lemna* sp. study is required with NOA 407854. This study must be conducted at acidic pH values. This study must also include a solubility study of NOA 407854 in the test media and in any solvents used.

DACO: 9.8.5
Title: Toxicity to freshwater vascular plants - TGAI (transformation product NOA 447204)

Required Data: A new *Lemna* sp. study is required with NOA 447204. This study must be conducted at acidic pH values. This study must also include a solubility study of NOA 447204 in the test media and in any solvents used.