

DATE OUT: 15/MAY/2000

PRODUCT CHEMISTRY REVIEW OF: TGAI [X] MANUFACTURING-USE [X] END-USE
PRODUCT [] BARCODE No.: D263358 EPA RECEIVED DATE: 30/DEC/1999 REG./File Symbol
No.: 3125-270 NAME: Sencor Technical, 94% Metribuzin ACTION CODE: 674 COMPANY NAME:
Bayer Corp. MRID NO: 450244-01 and 451079-01

FROM: Ann Hanger, Environmental Protection Specialist
Product Reregistration Branch/SRRD (7508C)

A. Hanger

TO: Venus Eagle, CRM
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INTRODUCTION:

In a resubmission response, the applicant, Bayer Corporation, submitted additional product chemistry data with MRID Nos. 450244-01 and 451079-01, and a basic CSF dated February 8, 1999, addressing the product chemistry deficiencies noted in a previous review by PRB/SRRD dated 30/JUN/1999.

FINDINGS:

1. Two data gaps, certification of limits (GRN 830-1750) and enforcement analytical method (830-1800) were previously identified in conjunction with the Metribuzin RED. These data are included in MRID 451079-01.
2. The applicant was advised to submit or reference product chemistry data requirement 830.6313 pertaining to product stability since the submitted studies using a formulated product was unacceptable. In response, MRID 450244-01 was submitted. The product was determined to have 2 broad endothermal events at temperatures lower than 130°C and a sharp exothermal event at 160°C. In addition, iron and aluminum acetate had some affect on the product by reducing the relative active ingredient by 4.9%. Relative active ingredient loss, compared to the test standards, was 0-0.5% during the 2 week test period.
3. The submitted Confidential Statement of Formula (CSF), a basic formulation dated February 8, 1999, is acceptable. The registrant has agreed to modify the label claim nominal concentration to be consistent with the nominal concentration claimed on the CSF as per the regulations of PR Notice 91-2.
4. The upper and lower certified limits of the active ingredient were requested to be within the standard limits of 40 CFR §158.175(b)(2). In response, the registrant provided an explanation in accordance with 40 CFR §158.175(c) which is adequate to support the wider certified limits.

CONCLUSIONS:

The registrant has satisfied the product chemistry data requirements for the reregistration of EPA Reg. No. 3125-270.

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