

US EPA ARCHIVE DOCUMENT

DATE OUT: 17/FEB/2000

SUBJECT: PRODUCT CHEMISTRY REVIEW OF Manufacturing-Use Product[], End Use Product[x]
BARCODE No.: D263365; D255478; EPA RECEIVED DATE: 29/OCT/98; EPA REG./File Symbol No.:
3125-325 PRODUCT NAME: Sencor 75 Turf Herbicide; COMPANY NAME: Bayer Corp.; Action
Code: 675 8-Month Response to Product Specific Data Call-In

FROM: Paul Horng, Ph. D., Chemist
Product Chemistry Team
PRB/SRRD (7508W)

Paul Horng

TO: Cynthia Williams, CRM
Product Reregistration Branch
PRB/SRRD (7508W)

INTRODUCTION:

The registrant, Bayer Corporation, responded to our previous memorandum (Paul Horng; D255478; 8/JUN/99) by providing a cover letter dated 28/DEC/99; the supplemental product chemistry data in MRID # 450030-02; the revised CSFs, a basic formulation dated 17/DEC/99 and an alternate formulation dated 18/DEC/99; to fulfill the data requirements for reregistration of end-use product Sencor 75 Turf Herbicide, EPA Reg. No. 3125-325.

FINDINGS:

1. The submitted data in MRID # 450030-01 satisfy the data requirements for Guidelines 63-17 (830-6317, Storage Stability) and 63-20 (830-6320, Corrosion Characteristics). No additional data are required.
2. The submitted CSFs, a basic formulation dated 17/DEC/99, and an alternate formulation dated 18/DEC/99, has been corrected as required. The certified limits of the inert ingredient, [REDACTED] are set at a range was too broad from the requirement of 40 CFR 158.175. The registrant explains that a broad certified limits of [REDACTED] are necessary to ensure the active ingredient fall within the certified limits in the formulation process. The explanation is acceptable. The revised CSFs are acceptable.
3. As mentioned in previous review, a minor revision is required for the draft label. (1) A common name "Metribuzin" should be placed in front of the chemical name in the ingredient statement. (2) The storage and disposal statement should be placed in a box of solid line to increase its prominence. The revision of the label can be done after label review.

RECOMMENDATIONS:

The registrant has satisfied all product chemistry data requirements for reregistration of this subject product. The Agency will have no objection to reregistration of the end-use product, Sencor 75 Turf Herbicide, EPA Reg. No. 3125-325.

(10/24)

REGISTRATION DIVISION

Group B: Series 830-6302 through 830-7950 Physical/Chemical Properties (40 CFR 158.190).
MRID: 447139-22.

Guideline Reference Number (GRN)/Title 830-	Value or Qualitative Description/Method Used Where Applicable and References	Comments
830-6302 Color	Tan.	A
830-6303 Physical State	Granular solid.	A
830-6304 Odor	Not required as per PR Notice 92-5.	NR
830-6314 Oxidation/Reduction	N/A, product contains neither oxidizing nor reducing agent.	N/A
830-6315 Flammability/Flash Point	N/A, product contains no combustible liquid.	N/A
830-6316 Explodability	N/A, product has no explosive characteristics on the basis of the chemical nature of the formulation ingredients.	N/A
830-6317 Storage Stability	The product was packaged in water soluble packets overpacked in plastic laminate bags. No loss of active ingredient from the product after 1 and 2 years of storage at warehouse condition. MRID # 450030-02.	A
830-7100 Viscosity	N/A, product is not a liquid.	N/A
830-6319 Miscibility	N/A, the product will not be diluted with petroleum distillate.	N/A
830-6320 Corrosion Characteristic	No corrosive effects from the product have been observed in the packaging container. No significant changes in physical properties occurred that would affect the safe handling and normal use of the product. MRID # 450030-02.	A
830-6321 Dielectric Breakdown Voltage	N/A, the product is not intended to use around electrical equipment.	N/A
830-7000 pH	pH 9-10 (10% aqueous dispersion).	A
830-7300 Density/Bulk Density	34.8 lbs/cu.ft.	A

A: Acceptable; N/A: Not Applicable