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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

MAY 2 1983

MEMORANDUM

SUBJECT: PP#2F2681. Lasso ME (encapsulating alachlor) on Various Crops. Amendment of February 1, 1983.

FROM: John H. Onley, Ph.D., Chemist *John H. Onley*
Residue Chemistry Branch
Hazard Evaluation Division (TS-769)

THRU: Charles L. Trichilo, Chief *R. F. Schmitt for*
Residue Chemistry Branch
Hazard Evaluation Division (TS-769)

TO: Robert Taylor, Product Manager #25
Herbicide-Fungicide Branch
Registration Division (TS-767)

and

Toxicology Branch
Hazard Evaluation Division (TS-769)

The petitioner, Monsanto Company, has submitted this amendment in response to issues discussed in EPA letters of April 30, 1982, May 25, 1982, and October 13, 1982 and Lasso ME/alachlor conferences of January 17, 1983 and March 3, 1983.

The present amendment contains a letter and a revised Section B/label. In the summary (page 6) of the letter, the petitioner indicated that he wanted us to review the following items:

"1. Revised draft label

- (1) [REDACTED]
- (2) One application per crop per year is specified.
- (3) Feeding of soybean hay is restricted.
- (4) A 9-week PHI for corn is specified.
- (5) A grazing restriction for Lasso ME plus atrazine tank mixtures is amended to 63 days.

2. A letter and revised Section F are enclosed requesting amendment of PP 0F2348 to set alachlor tolerances for corn forage and fodder at 2.0 ppm, rather than 0.5 ppm as previously submitted.
3. A letter requesting withdrawal of the alachlor/soybean hay tolerance petition (and refund of \$2,000) because it can't be included under PP 2F2681. The enclosed label draft includes a feeding restriction for soybean hay.
4. A letter, check for \$2,000.00 and petition requesting establishment of a 1.0 ppm tolerance for alachlor on soybean hay."

The revised Section B/label specifies one treatment per year for each crop; it is entitled, "Herbicide for Weed Control in Dry Beans, Lima Beans, Peas, Potatoes, and Soybeans;" "Corn (all)" has been marked over on the subject label; accordingly, the label does not contain any instructions for the use of Lasso ME on corn. We, therefore, are not considering items 1 (4), 2, 3, and 4 above in this review.

Conclusions. We conclude that the deficiencies have been resolved by the revised Section B. Earlier deficiencies were discussed and resolved in our January 12, 1983 review. TOX and EAB considerations permitting, we can recommend for the proposed exemption.

Recommendations

If TOX and EAB considerations permit, RCB recommends for the establishment of an exemption for residues of the cross-linked polyurea-type polymer formed by reacting polymethylene polyphenylisocyanate and hexamethylene diamine when used for encapsulating alachlor [2-chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl) acetamide] for use on soybeans, dry beans, peas, potatoes, and lima beans.

cc: R.F.
Circu
Reviewer
FDA
TOX
EEB
EFB

PP# No. 2F2681

Robert E. Thompson (Res. Triangle Park, NC)

RDI:Section Head:RSO>Date:4/20:RDS:4/20/83

TS-769:RCB:JHO:pad:RM:810:CM:#2x77324>Date:04/26/83