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WASHINGTON, D.C. 20460

Engler
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MEMORANDUM

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

SUBJECT: Propazine, Caswell No. 184, NOEL for 2-Year
Rat Study

FROM: Toxicology Branch ADI Committee *Robert Taylor*

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

The data base on Propazine has been examined on several occasions by the Toxicology Branch ADI Committee. This Committee usually does not evaluate the actual data but bases its conclusion on existing DER's and checks the reviews and conclusions for consistency. In evaluating the DER of the 2 year rat study, the basis for the ADI/RfD for Propazine, an inconsistency was apparent since the review mentioned significant weight depression at 100 ppm and at the same time setting the NOEL at 100 ppm. The Committee thus concluded that 3 ppm is the appropriate NOEL, as reflected in Dr. Dykstra's memo of 7/22/86.

However, one committee member subsequently evaluated the situation again, this time by looking at the data. His conclusion and report to the Committee was that the weight depression at both the 3 ppm and 100 ppm are not likely to be compound related since they were neither consistent throughout the study nor dose related. -- Therefore, the final conclusion is that 100 ppm is a NOEL for this study since the only compound related effects are apparent at 1000 ppm (HDT).

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