Subject: ST II Vegetation Mixture 1501 - 83

From: Thomas J. Smith

To: B. Scott

Date: 11/14/74

Applicant: Statezon Inc.

P.O. Box 660065
Dallas, Texas 75266-6065

Active Ingredient:
Statexon: N-2,6-dinonylphenoxy-1
-2,4,4-trichlorobenzilate

Ingredient: 25.35%

Background: The Statezo Insecticide is a very toxic compound which has been used in Europe and Canada. In Canada, it is approved for use on cotton, soybeans, and tomatoes. The Canadian health and safety regulations require that the use of Statezon be limited to a maximum of 1.5 pounds per acre. The method of application is not indicated.

Recommendation:
1. The Statezo Insecticide is recommended for use on cotton, soybeans, and tomatoes. The recommended application rate is 1.5 pounds per acre.

Procedure: Five male and five female rats weighing between 200 and 300 grams received a single dose of 5.0 g/kg. Observations were daily for 14 days after treatment. Necropsy performed on all animals.

Results: 2/5 M and 5/5 F died. Lethargy was the only toxic sign noted in the 3/5 M survivors. Necropsy revealed discolored liver and spleen; intestinal hemorrhage; pulmonary hemorrhage. 1D50 estimated to be 0.24 g/kg with 95% confidence limits between 0.15 and 0.36 g/kg.

Study Direction: CER Sundell & Co.

Report Category: III - (9/17/83)
Page 3 is not included in this copy.
Pages ___ through ____ are not included.

The material not included contains the following type of information:

___ Identity of product inert ingredients.
___ Identity of product impurities.
___ Description of the product manufacturing process.
___ Description of quality control procedures.
___ Identity of the source of product ingredients.
___ Sales or other commercial/financial information.
___ A draft product label.
___ The product confidential statement of formula.
___ Information about a pending registration action.
___ FIFRA registration data.
___ The document is a duplicate of page(s) ________.
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