

FEB 12 1976

Coker

#275-EUP: ABG-3001. Plant Growth regulator for
use in apples - Request for Experimental Use Permit.

Toxicology Branch

Miss Libby Zink
SRS/RD Rm. 315(d)

Abbott Laboratories
Chicago, Illinois

Companion Petitions
6G1731 6G1731

Formulation Composition ABG-3001

Gibberellin A₄A₇ ----- 2.0%

Registrant requests permit to ship 10 lb. each AI for experimental
use in apples to improve shape and size.

Acute toxicity of the materials and the formulation as provided by
registrant are as follows:

<u>Species</u>	<u>Test</u>	<u>Material</u>	<u>Result</u>	<u>Signs of Toxicity</u>
Mouse	Acute Oral LD ₅₀	G-BA	1690 mg/kg	none
Mouse	Acute Oral LD ₅₀	A ₄ A ₇	5000 mg/kg	none
Mouse	Acute Dermal LD ₅₀	3001	10 ml/kg	Ataxia; dyspnea
Rabbit	Dermal Irritation	3001	Non-irritating	none
Rabbit	Eye Irritation	3001	Very irritation	severe conjunctival reaction

* Solvent cleared in 40 CFR 180.1001(c).

INERT INGREDIENT INFORMATION IS NOT INCLUDED

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These data do not define the acute toxicity fully enough for TB to make a recommendation as to the adequacy of the proposed label concerning human user safety.

For further consideration of this registration we will need:

1. Rat Acute Oral LD₅₀
2. Rat or Rabbit Inhalation LD₅₀
3. Rabbit Acute Dermal LD₅₀ (the mouse study was not appropriate).

These studies should all use the formulation proposed for commerce.

David L. Ritter, Toxicologist
TOX Branch

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