

ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE
(2000-069)

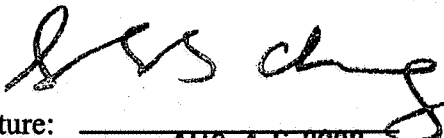
069104

STUDY TYPE: ACUTE DERMAL TOXICITY - RABBIT
[OPPTS 870.1200 [§81-2]; OECD 402]
MRID 45680901

Prepared for
Antimicrobials Division
Office of Pesticide Programs
U.S. Environmental Protection Agency
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Prepared by
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Action No. K392

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Disclaimer

This review may have been altered subsequent to the contractor's signatures above.

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MRID No.: 45680901
Report No.: 00404052
Testing Laboratory: Covance Laboratories Inc.
Author: Steven R. Sorenson

Reviewer: Susan Chang
Study Completion Date: March 7, 2002

GLP Compliance Statement (40 CFR §160.12): Included

Test Material: 2000-069, clear colorless liquid

Species: New Zealand White rabbits (5m and 5f)

Weight: 2444 to 2638 g **Age:** Adult

Source: Covance Research Products Inc., Kalamazoo, MI

Summary:

- LD₅₀ (mg/kg):** Males > 5000 mg/kg
Females > 5000 mg/kg
Combined > 5000 mg/kg
- The estimated LD₅₀ is > 5000 mg/kg.**
- Tox. Category:** IV **Classification:** Acceptable

Procedure (Deviation From §81-2, 870.1200): No deviations were noted.

Results:

Reported Mortality			
Dosage (mg/kg)	(Number Deaths/Number Tested)		
	Males	Females	Combined
5000	0/5	0/5	0/10

Observations: All rabbits had normal appearance throughout the study. Dermal irritation characterized by slight to moderate erythema with or without very slight edema was noted on all rabbits with clearance by day 14. In addition, desquamation and/or fissuring were noted on all rabbits on day 7 with clearance by day 14, but persisting on one male and one female through day 14.

Gross Necropsy Findings: No visible lesions were noted on any rabbit.