

US EPA ARCHIVE DOCUMENT

DATA EVALUATION RECORD

ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE
(2000-069)

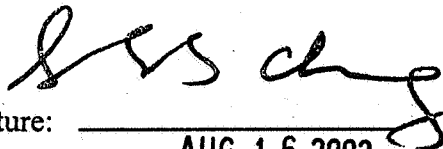
069104

STUDY TYPE: PRIMARY EYE IRRITATION - RABBIT
[OPPTS 870.2400 (§81-4); OECD 405]
MRID 45680902

Prepared for
Antimicrobials Division
Office of Pesticide Programs
U.S. Environmental Protection Agency
1921 Jefferson Davis Highway
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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.

DATA REVIEW FOR PRIMARY EYE IRRITATION TESTING (§81-4, 870.2400)

Product Manager: Velma Noble
MRID No.: 45680902
Report No.: Covance 00404054
Testing Laboratory: Covance Laboratories Inc.
Author: Steven R. Sorenson

Reviewer: Susan Chang
Study Completion Date: March 5, 2002

GLP Compliance Statement (40 CFR §160.12): Included

Test Material: 2000-069, clear colorless liquid
Dosage: 0.1 mL undiluted test material
Species: Six New Zealand White rabbits (6f)
Weight: 2424 to 2750 g Age: Adult
Source: Covance Research Products Inc., Kalamazoo, MI

Summary:

1. Toxicity Category: III
2. Classification: Acceptable

Procedure (Deviations From §81-4, 870.2400): No deviations were noted.

Results:

Observations	Number "Positive"/Number Tested					
	Hour					Days
	1	24	48	72	96	7
Corneal Opacity	0/6	1/6	0/6	0/6	0/6	0/6
Iritis	6/6	1/6	0/6	0/6	0/6	0/6
Conjunctivae						
Redness	6/6	5/6	0/6	0/6	0/6	0/6
Chemosis	3/6	1/6	0/6	0/6	0/6	0/6
Discharge	3/6	1/6	0/6	0/6	0/6	0/6

Three rabbits showed excessive pawing at the treated eye after test material instillation. Blanching was noted on four rabbits one hour after test material instillation with recovery on two rabbits by 24 hours and on another two rabbits by 48 hours. Discharge is not considered as a positive effect.