US EPA ARCHIVE DOCUMENT

3

DATA REVIEW FOR ACUTE EYE IRRITATION TESTING (§81-4)

Product Manager:18
MRID No.:426796-01
Testing Laboratory:Cosmopolitan Safety
Author(s):Geoffrey Robbins
Species:Rabbit, New Zealand White
Sex:3 male and 3 female
Weight:M 2.0 - 2.1, F 2.0 - 2.2 K
Source:Laboratory Colony
Dosage:o.1 g
Test Material:BMP 123(2X WP) Lot 4922
Quality Assurance (40 CFR §160.12):included

Reviewer: L. Markarian
Report Date:1/8/93
Report No.:D3320

Summary:

1. Toxicity Category:III

2. Classification:Core minimum

Procedure (Deviations From §81-4):

Powdered test material was instilled in the conjunctival sacs of six pre examined eyes. observations were at 1, 24, 48, 72 hrs, and days 4, 7, 10, and 14. Hand held ophthalmoscope and/or slit lamp was used for evaluations. Corneal findings were confirmed with fluorescein.

Results:

Observations	(number "positive"/number tested)							
	Hour	Days						
	1	1	2	3	4	7	10	14
Cornea Opacity	0/6	1/6	0/6	0/6	0/6	0/6	0/6	0/6
Iris	4/6	3/6	0/6	0/6	0/6	0/6	0/6	0/6
Conjunctivae								
Redness	6/6*	3/6	1/6	6/6*	6/6*	5/6*	3/6*	0/6
Chemosis	6/6*	6/6*	6/6*	6/6*	5/6*	1/6*	3/6*	0/6
Discharge	0/6#	3/6#	2/6#	2/6#	0/6#	0/6#	0/6#	0/6#

* grade 1 reaction, generally unremarkable
\# Discharge reported, but not graded during scoring

Comments:
Blepharospasm is reported after the instillation of the test material in the eyes.

1/1