

11-8-02

DATA EVALUATION RECORD

ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE (SOLVENT FREE DISINFECTANT WIPE LOTION)

STUDY TYPE: ACUTE DERMAL TOXICITY - RABBIT
[OPPTS 870.1200 (§81-2); OECD 402]
MRID 45715701

Prepared for
Antimicrobials Division
Office of Pesticide Programs
U.S. Environmental Protection Agency
1921 Jefferson Davis Highway
Arlington, VA 22202

Prepared by
Toxicology and Hazard Assessment Group
Life Sciences Division
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Oak Ridge, TN 37831
Action No. K426

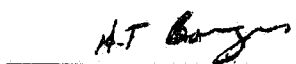
Primary Reviewer:
Susan Chang, M.S.

Signature: 

Date: NOV 08 2002


Secondary Reviewers:

H. Tim Borges, M.T.(A.S.C.P.), Ph.D., D.A.B.T.

Signature: 

Date: NOV 08 2002

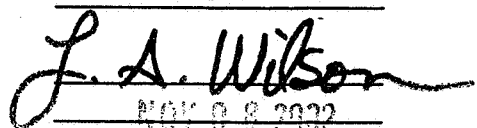
Robert H. Ross, M.S., Group Leader

Signature: 

Date: NOV 08 2002

Quality Assurance:

Lee Ann Wilson, M.A.

Signature: 

Date: NOV 08 2002

Disclaimer

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

DATA REVIEW FOR ACUTE DERMAL TOXICITY TESTING (§81-2, 870.1200)

Product Manager: Velma Noble
MRID No.: 45715701

Reviewer: Susan Chang
Study Completion Date: Feb. 14, 2002

Report No.: 02-002

Testing Laboratory: Tox Monitor Laboratories, Inc.
Author: Michael Kukulinski

GLP Compliance Statement (40 CFR §160.12): Included

Test Material: Solvent Free Disinfectant Wipe Lotion, Lot No. 2469-98-3; clear liquid
Dosage: 5000 mg/kg

Species: New Zealand White rabbits (5M and 5F)
Weight: Males: 2.20-2.62 kg, Females: 2.08-2.22 kg **Age:** 8-12 weeks
Source: Kuiper Rabbitry, Gary, IN

Summary:

1. **LD₅₀ (mg/kg):** Males > 5000 mg/kg
Females > 5000 mg/kg
Combined > 5000 mg/kg
 2. **The estimated LD₅₀ is** > 5000 mg/kg.
 3. **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 animals survived and gained weight. Dermal irritation including erythema, edema, and corneal opacity at the application site were noted starting on day 1 with clearance by days 10 through 14.

Gross Necropsy Findings: No gross changes were noted.