

US EPA ARCHIVE DOCUMENT

331A

Registration Human Safety Review PM: 31 DL Ritter TOX Reviewer:

EPA #	Date	Product Name	Use Classification	Toxic Category
10366-I	3/4/76	FRM-QUAT	Restricted	I

RECOMMENDATION: register other (explain)

For further consideration we will need on the present formulation:

- 1. Acute oral LD₅₀
- 2. Rabbit Dermal LD₅₀
- 3. Acute Inhalation LD₅₀
- 4. Acute Eye Irritation
- 5. 21 day dermal irritation
- 6. Teratology Study (exposure to women likely)

	TECH	FORMULATION	USE DILUTION	DATA ACCEPTABLE
Acute Oral (Rat) LD ₅₀				

Toxic signs: mouse signs of CNS depression 295 mg/kg 530 mg/kg*

Comments: * on a 50% formulation; present formulation is only 7.5% AI

Acute Dermal (Rabbit) LD ₅₀				
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Toxic signs: Not submitted

Comments:

Acute Inhalation () LC ₅₀				
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Toxic signs: Not Submitted

Comments:

Primary Eye Irritation (Rabbit) Draize score:			//////
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Comments: Not Submitted

Primary Skin Irritation (Rabbit) Draize score:	8/8xxxx	8/8*	//////
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Comments: 50% solution used - a severe dermal irritant

Other Studies:

IV LD₅₀ = 14 mg/kg (in terms of AI) mouse Severe CNS depression

BEST AVAILABLE COPY

Didecyl dimethyl ammonium chloride

Page 2 is not included in this copy.

Pages _____ through _____ are not included in this copy.

The material not included contains the following type of information:

- Identity of product inert ingredients
 - Identity of product impurities
 - Description of the product manufacturing process
 - Description of product quality control procedures
 - Identity of the source of product ingredients
 - Sales or other commercial/financial information
 - A draft product label
 - The product confidential statement of formula
 - Information about a pending registration action
 - FIFRA registration data
 - The document is a duplicate of page(s) _____
 - The document is not responsive to the request
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The information not included is generally considered confidential by product registrants. If you have any questions, please contact the individual who prepared the response to your request.
