

# 331A  
Registration Human Safety Review PM: 31 DL Ritter  
TOX Reviewer:

EA #	Date	Product Name	Use Classification	Toxic Categr
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 LD<sub>50</sub>
2. Rabbit Dermal LD<sub>50</sub>
3. Acute Inhalation LD<sub>50</sub>
4. Acute Eye Irritation
5. 21 day dermal irritation
6. Teratology Study (exposure to women likely)

	TECH	FORMULATION	USE DILUTION	DAT/ACCE/ABI
Acute Oral (Rat) LD <sub>50</sub>				

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 <sub>50</sub>				
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Toxic signs:

Not submitted

Comments:

Acute Inhalation ( ) LC <sub>50</sub>				
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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:	8/8xxxxx	8/8*	//////////
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Comments:

50% solution used - a severe dermal irritant

Other Studies:

IV LD<sub>50</sub> = 14 mg/kg (in terms of AI) mouse  
Severe CNS depression

BEST AVAILABLE COPY

Didecyl dimethyl ammonium chloride

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Pages \_\_\_\_\_ through \_\_\_\_\_ are not included in this copy.

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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.

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