

PD-606  
TRR-2880

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December 8, 1970

Mr. Henry S. Bussey, Head  
Registration Procedures Section  
Pesticides Regulation Division  
Environmental Protection Agency  
Washington, D. C. 20250

Reg. No. 9647-2  
Date of Application 10/2/70  
Disinfectant

Dear Mr. Bussey:

The limited toxicity data received from you on the product Myco Q-99 Germicidal Cleaner have been reviewed.

These data show the formulation to be corrosive to the skin and a severe eye irritant. On this basis, we recommend the signal word "danger" accompanied by the prescribed eye cautions replace the signal word "caution".

If you have any questions regarding our comments, please contact us at your convenience.

Sincerely,

Robert D. Coberly  
Biologist  
Pesticide Registration Branch

cc:  
BF-219  
BF-219/THHarris  
✓ TOX FILE

RDCoberly/ccw  
12/8/70

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1076 ①



## Rabbit Dermal Irritation (Q-99) :

Produced a primary irritation score of 6.5. Toxic effects included blanching of the test site with erythema and bruising extending beyond the site. Slight to severe edema was noted at the site. Spotted necrosis was noted in occasional rabbits. At 72 hrs. each site was coriaceous with slight edema.

## Acute Rabbit Eye Irritation (Q-99) :

Produced moderate or marked conjunctivitis and corneal opacity in all animals. Each rabbit exhibited blanching of the upper, lower and bullar conjunctivæ and a film like covering over the eyeball. Effects unchanged at 72 hrs.

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SUMMARY

These data show the material to be a primary irritant and corrosive to the skin and eye. These findings indicate that the material is dangerous and should not be allowed in the home.

Category I labeling should be required.

U. S. DEPARTMENT OF AGRICULTURE  
AGRICULTURAL RESEARCH SERVICE  
PESTICIDES REGISTRATION DIVISION  
WASHINGTON, D. C. 20250

INTERDEPARTMENTAL COORDINATION  
OF  
ACTIVITIES RELATING TO PESTICIDES

Referral of Application for Registration under the  
Federal Insecticide, Fungicide, and Rodenticide Act

1. DATE OF RECEIPT  
NOV 1 1970 - HQ of 11-20-70

2. FILE SYMBOL/REGISTRATION NO.  
002880

3. DATE OF APPLICATION  
9647-2  
October 2, 1970  
*(Pesticide) Disinfectant*

4. NAME & ADDRESS OF APPLICANT OR REGISTRANT  
Masury-Columbia Company  
A Subsidiary of Alberto-Culver Company  
2525 West Armitage Avenue  
Melrose Park, Illinois 60160

5. PRODUCT NAME  
MYCO Q-99 GERMICIDAL CLEARER

6. COMMENTS BY COORDINATING AGENCY

The following toxicology data on 4.000% n-Alkyl (C14-50%, C12-40%, C16-10%) dimethyl benzyl ammonium chloride, 4.000% n-Alkyl (C12-61%, C14-24%, C16-15%) dimethyl 3,4, dichloro benzyl ammonium chloride, 1.760% Diethanolamide of Coconut Oil Acids, 0.184% Ethylenediaminetetraacetic acid, 0.110% Isopropyl alcohol is transmitted to PHS with labels and formula for review and retention:

1. Patch Test for Primary Skin Irritation and corrosivity - Rabbits.
2. Acute Eye Application - Rabbits

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7. BY (NAME) \_\_\_\_\_ 8. DATE \_\_\_\_\_ 9. NAME OF AGENCY \_\_\_\_\_

PR USE ONLY	<input type="checkbox"/> SAFETY - FISH AND WILDLIFE		<input type="checkbox"/> SAFETY - HUMAN		<input type="checkbox"/> OTHER:	
	INITIALS	DATE	INITIALS	DATE	INITIALS	DATE
COMMENTS			COMMENTS		COMMENTS	

Toxicology Reviews for Alkyl dimethyl benzyl  
ammonium chloride (Hyamine 3500)

Page 6 is not included.

Pages \_\_\_\_\_ through \_\_\_\_\_ are not included.

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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 (\*)
- Supplier information

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The information not included generally is considered confidential by product registrants. If you wish to obtain the information deleted, please contact the individual who prepared this response to your request.

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(\*) FIFRA registration data can be released to individuals who submit an Affirmation of Non-Multinational Status.