US EPA ARCHIVE DOCUMENT

PD-606
TXR-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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RDCoberly/ccw
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Product Name	:	Myco Q-99 Germicidal Cleaner
USDA Reg. No.	:	9647-2
Active Ingredient	:	4.0% n-Alkyl dimethyl benzyl ammonium chloride 4.0% n-Alkyl dimethyl 3,4, dichlorobenzyl ammonium chloride 1.76% Diethanolamides of cocoanut oil acids 0.184% Ethylenediaminetetraacetic acid 0.110% Isopropyl alcohol
Use	:	General use germicide
Company	:	Masury-Columbia Co.

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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 conjunctivae and a film like covering over the eyeball. Effects unchanged at 72 hrs.

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 REGULATION 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 REFERRAL: 1970 - Wk of 11-20-70

2. FILE SYMBOL/REGISTRATION NO.: 002880

9647-2

3. DATE OF APPLICATION: October 2, 1970 (Resubmitted) Disinfectants

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 CLEANER.

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, dichlo benzyl ammonium chloride, 1.760% Diethanolamidea of Cocoanut Oil Acids, 0.184% Ethylenediaminetetraacetic acid, 0.110% Isopropyl alcohol is transmitted to PHS with labe 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	SAFETY - FISH AND WILDLIFE		SAFETY - HUMAN		OTHER:	
	INITIALS	DATE	INITIALS	DATE	INITIALS	DATE
	COMMENTS		COMMENTS		COMMENTS	

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PR FORM 9-230 (OCT. 1968)

REPLACES PR FORM 9-290, PR FORM 9-291, & PR FORM 9-230, DEC. 1964, WHICH ARE OBSOLETE.

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

Page 6 is not included.

Pages _____ through _____ are not included.

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 commerical/financial information

___ A draft product label

✓ The product confidential statement of formula

___ Information about a pending registration action

___ FIFRA registration data (*)

___ Supplier information

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.

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