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,

Wolbert D. Coberly
Biologist
Pesticide Registration Branch

cc:
BF-219
BF-219/THHarris
✓ TOX FILE

RDCoberly/ccw
12/8/70
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.
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 bulbar 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.
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, dichlor benzyl ammonium chloride, 1.76% Dihexanoamide of Cocosnut Oil Acids, 0.184% Ethylenediaminetetraacetic acid, 0.110% Isopropyl alcohol is transmitted to FHS with lab and formula for review and retention:

1. Patch Test for Primary Skin Irritation and corrosivity - Rabbits.

2. Acute Eye Application - Rabbits
Toxicology Reviews for Alkyl dimethyl benzyl ammonium chloride (Hyamine 3500)

Page ___ 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 commercial/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.