

US EPA ARCHIVE DOCUMENT

EEE BRANCH REVIEW

DATE: IN _____ OUT _____ IN 9/21/76 OUT 1/21/77 IN _____ OUT _____
FISH & WILDLIFE ENVIRONMENTAL CHEMISTRY EFFICACY

FILE OR REG. NO. 6836-18
PETITION OR EXP. PERMIT NO. _____
DATE DIV. RECEIVED _____
DATE OF SUBMISSION _____
DATE SUBMISSION ACCEPTED 3CID-NO
TYPE PRODUCT(S): I, D, H, F, N, R, S Unknown
PRODUCT MGR. NO. 31
PRODUCT NAME(S) Bardac-22
COMPANY NAME Lonza, Inc.
SUBMISSION PURPOSE "...to meet environmental chemistry requirements"
CHEMICAL & FORMULATION didecyldimethyl a-monium chloride isopropanol

I. Introduction

Registrant submits data "to meet the environmental chemistry requirements needed to evaluate outdoor use products as outlined in the July 1975 Rules and Regulations, page 28276". Product named Bardac-22 is registered under #6836-18 and contains a combination of didecyl dimethyl ammonium chloride (50%) and isopropanol 20% as active ingredients.

Recent labels are not routed for review Old labels (1970-1971) indicate "For Manufacturing Use Only - See Technical Bulletin For Recommended Uses" Recent technical bulletins are not routed for review. Many amendments to technical bulletin in 1972-1975 including directions for use in "Oil Field Water Floods". Such use is not "For Manufacturing Use Only" and is, in fact, an end-use pattern subject to the data requirements of Section 3 Regulations Other uses appearing in technical bulletin submitted June 10, 1970 include "Slime Control and Cooling Tower Algae" for which environmental chemistry data are required.

2. Directions for Use

Records are incomplete regarding both label and technical bulletin therefore the use pattern of this product is unknown.

3. Discussion of Data

Submitted data is entitled "The Biodegradability of Low Concentrations of Certain Quaternary Ammonium Antimicrobials By Bacteria" by L. J. Gawel and R. L. Huddleston, Continental Oil Company, Ponca City, Oklahoma, Presented at American Oil Chemists Society National Meeting Los Angeles California April 23-26, 1972.

However, since the use pattern of this product is unknown (see Introduction and Directions for Use above) neither the applicability nor the adequacy of the submitted data can be ascertained.

4. Conclusions

Since the use pattern of this product is unknown neither the applicability nor the adequacy of the submitted data can be ascertained.

No conclusions can be made regarding the submitted data until the use pattern is known.

5. Recommendations

No recommendation
See Conclusions

RENey 2-1-77

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1/21/77
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Efficacy and Ecological Effects Branch