

US EPA ARCHIVE DOCUMENT

RISK ASSESSMENT AND SCIENCE SUPPORT BRANCH

ANTIMICROBIAL DIVISION

EFFICACY REVIEW - I

Reviewed by Michael Nieves Date 10-15-97
LAN Code 777-81.107 Michael E. Egan
EPA Reg. No. or File Symbol 777-81
EPA Petition or EUP No. None
Date Division Received 9-10-97
Type Product Hospital Disinfectant
MRID No(s) 443730-1-2-3
Product Management Team PM 34 Portia Jenkins
Product Name Lysol Brand Disinfectant Toilet Bowl Cleaner
Company Name Household Products Division

Submission Purpose:

The registrant has submitted efficacy data to add additional viruses and proposed labeling.

Type Formulation Liquid

Active Ingredients(s)

Hydrogen Chloride..... 9.50%

045901

1

200.0 Introduction:

200.1 Uses:

Hospital Disinfectant

200.2 Background Information:

The registrant has submitted efficacy data to add additional viruses and proposed labeling.

200.3 Factors Affecting Amount/Type of Data Required:

None

201.0 Data Summary

None

201.1 Abstract of Test Reports:

None

201.2 Brief Description of Tests:

1. "Virucidal Efficacy Study - Poliovirus Type 1" by Tim Cusack of L&F Products, Montalve, N.J., dated 10/20/93, MRID No. 443730-01.

2. "Virucidal Efficacy Study - Rotavirus" by Tim Cusack of L&F Products, Montalve, N.J., dated 6/20/94, MRID No. 443730-02.

3. "Virucidal Efficacy Study - Hepatitis A Virus" by Tim Cusack of L&F Products, Montalve, N.J., dated 6/10/94, MRID No. 443730-03.

201.3 Data Summaries

None

201.4 Other Summarized Results:

See Recommendations under 202.0.

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EFFICACY REVIEW - II

EPA Reg. No. or File Symbol 777-81

EPA Petition or EUP No. None

Date Division Received 9-10-97

Type Product Hospital Disinfectant

MRID No(s) 443730-1-2-3

Product Management Team PM 34 Portia Jenkins

Product Name Lysol Brand Disinfectant Toilet Bowl Cleaner

Company Name Household Products Division

3

202.0 Recommendations

202.1 Efficacy Supported By The Data:

1. "Virucidal Efficacy Study - Poliovirus Type 1" by Tim Cusack of L&F Products, Montalve, N.J., dated 10/20/93, MRID No. 443730-01.

The submitted efficacy data appear adequate to support effectiveness of the product as a virucide against Poliovirus Type 1 on hard, non-porous surfaces when diluted 1:25 in the presence of 10% serum load after a contact time of ten minutes at 25°C.

2. "Virucidal Efficacy Study - Rotavirus" by Tim Cusack of L&F Products, Montalve, N.J., dated 6/20/94, MRID No. 443730-02.

The submitted efficacy data appear adequate to support effectiveness of the product as a virucide against Rotavirus on hard, non-porous surfaces when diluted 1:25 in the presence of 10% serum load after a contact time of ten minutes at 25.7°C.

3. "Virucidal Efficacy Study - Hepatitis A Virus" by Tim Cusack of L&F Products, Montalve, N.J., dated 6/10/94, MRID No. 443730-03.

The submitted efficacy data appear adequate to support effectiveness of the product as a virucide against Hepatitis A Virus on hard, non-porous surfaces when diluted 1:25 in the presence of 10% serum load after a contact time of ten minutes at 24.9°C.

203.0 Labeling:

The proposed labeling that to add the viruses (tested above) is acceptable.