

US EPA ARCHIVE DOCUMENT

EFFICACY AND SCIENCE SUPPORT BRANCH

ANTIMICROBIAL DIVISION

EFFICACY REVIEW - I

In: 9/1/98 Out: February 1, 1999

Reviewed by:

Ian Blackwell

Date: January 25, 1999

EPA Reg. No.:

777-83

DP Barcode:

D248853

EPA Petition No.:

none

Date Division Received:

8/26/98

Type Product:

disinfectant, cleaner

MRID No.:

446266-01

Product Manager:

PM 32, Bob Brennis

PM Team Reviewer:

Marianne Clark

Product Name:

Lysol Brand Disinfectant Bleach Plus

Company Name:

Reckitt & Coleman, Inc.

Submission Purpose:

To confirm the hospital type disinfectant activity of the test substance on inanimate, environmental surfaces at a five minute contact time.

Type Formulation:

Water-based solution

Active Ingredients:

sodium hypochlorite

... 2.0%

RISK ASSESSMENT AND SCIENCE SUPPORT BRANCH

ANTIMICROBIAL DIVISION

EFFICACY REVIEW - II

EPA Reg. No. or File Symbol: 777-83

EPA Petition or EUP No.: none

Date Division Received: 8/26/98

Product Type: disinfectant

MRID No(s): 446266-01

Product Management Team: PM Team 32, Bob Brennis

Product Name: Lysol Brand Disinfectant Bleach Plus

Company Name: Reckitt & Coleman, Inc.

200.0 **Introduction:** Reckitt & Coleman has submitted confirmatory data of reg. no. 777-83 as a hospital-type disinfectant in the presence of organic soil.

200.1 **Uses:** disinfectant, cleaner, deodorizer.

200.2 **Background Information:** <none>

201.0 **Data Summary:**

201.1 **Abstract of Test Reports:**

None

201.2 **Brief Description of Test: (title)**

“Disinfectant Efficacy Testing; Hospital Type Disinfectant Activity In The Presence of Organic Soil.” By Victor P. Pelov, Reckitt & Coleman, Inc., Microbiology Laboratory. Completion date 2/23/98. MRID No. 446266-01.”

201.3 **Data Summaries**

None

201.4 **Other Summarized Results:**

See Recommendations under 202.0.

202.0 **Recommendations:**

202.1 **Efficacy Supported By The Data:**

The submitted data developed by the modified AOAC-Use-Dilution Test Method are acceptable to support effectiveness of the product as a disinfectant against Salmonella cholerasuis, Staphylococcus aureus and Pseudomonas aeruginosa when tested at a dilution 1.95:100 in the presence of 5% horse serum for a contact time of 5 minutes at 20 °C.

203.0 **Labeling:** No adverse comments.

EFFICACY CHECK LIST:

Reg. No.: 777-83

Barcode: D2548853

MRID No.: 446266-01

Date: January 25, 1999

1. Test material used: Lysol Brand Disinfectant Bleach Plus

2. Method Used: AOAC Use Dilution Method

3. Microorganism(s): Staphylococcus aureus, Salmonella cholersuis and Pseudomonas aeruginosa.

4. Dilution: 1.95:100 and 1.92:100

5. Contact Time: 5 minutes

6. Temperature: 19.6-20.2 °C

7. Carrier:

8. Neutralizer: letheen broth

9. Hard Water(?): **NOT MENTIONED**

10. Serum Load(?): 5% horse serum