

US EPA ARCHIVE DOCUMENT

AMENDMENT

**EFFICACY EVALUATION AND TECHNICAL MANAGEMENT SECTION
EFFICACY REVIEW -I
ANTIMICROBIAL PROGRAM BRANCH**

IN 12/01/94 OUT 01/15/95

EPA Reg. No. or File Symbol 777-66
Date Division Received 10-13-94
Type Product Hospital Disinfectant
MRID No (s) 434322-01 & 434322-02
Product Manager PM 31 (Swindell)
Product Name Lysol Brand Disinfectant Direct Multi-Purpose Cleaner
Company Name L & F Products
Submission Purpose Amendment to add additional bactericidal claims against E. coli and L. monocytogenes with efficacy data and revised label. Amendment to add alternate formula with confirmatory efficacy data. Various label changes.
Type Formulation Liquid Spray (Non-Pressurized)

Active Ingredient (s): %
Alkyl (67% C12, 25% C14, 7% C16, 1% C8-C10-C18)
dimethyl benzyl ammonium chlorides.....0.08
Alkyl (50% C14, 40% C12, 10% C16)
dimethyl benzyl ammonium chlorides.....0.02

Recommendations

Efficacy Supported by the Data:

The submitted data (MRID No. 434322-02) by the AOAC Germicidal Spray Product Test Method are acceptable to support effectiveness of the product as a disinfectant against Escherichia coli ATCC 43888 and Listeria monocytogenes ATCC 7644 when used as an undiluted non-pressurized (pump) spray on hard, non-porous surfaces in the presence of 5% blood serum for a contact time of 10 minutes at 25°C.

The submitted confirmatory efficacy data (MRID No. 434322-01) are also acceptable to support the proposed alternate formulation.

Labeling:

Revise the statement "LYSOL DIRECT meets AOAC efficacy standards for hospital disinfectants" to read "LYSOL DIRECT meets AOAC Use-Dilution efficacy test standards for hospital disinfectants".

Reviewed by Srinivas Gowda Date 01/15/95
