

EFFICACY EVALUATION AND TECHNICAL MANAGEMENT SECTION

EFFICACY REVIEW-II

ANTIMICROBIAL PROGRAM BRANCH

EPA Reg. No. or File Symbol 46781-3

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MRID No(s) 404687-01 (referenced data)

Product Manager PM 31 (Lee)

Product Name MetriCide Plus 14

Company Name Metrex Research Corporation

202.0 Recommendations

202.1 Efficacy Supported By The Data

The data developed on "Metricide MX1400", EPA Reg. No. 46781-1, are also applicable to support effectiveness of "Metricide Plus 14", EPA Reg. No. 46781-3 which is the same formula, as a virucide against HIV-1 (AIDS virus) on hard, non-porous surfaces in the presence of a moderate amount of organic soil (5% blood serum) when used undiluted at a contact time of $\frac{1}{2}$ minute or 2 minutes at room temperature (20-25°C) after reuse of the solution for 14 days after activation in manual (bucket or tray) systems.

203.0 Labeling:

The unqualified recommendation for use on "plastic objects" is not acceptable. The label should indicate the types of plastic (e.g., polystyrene, polypropylene, polyvinyl chloride).

Immediately above the heading "SPECIAL INSTRUCTIONS FOR CLEANING ..." include the statement "KILLS HIV ON PRE-CLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS in health care settings or other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood or body fluids, and in which the surfaces/objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of human immunodeficiency virus Type 1 (HIV-1) (associated with AIDS)."

Under the heading "VIRUSES" revise the statement "METRICIDE PLUS 14 completely inactivates HIV-1 (AIDS virus) on hard, non-porous surfaces in the presence of a moderate amount of organic soil (5% blood serum) when used at a contact time of 30 seconds at room temperature (20°-25°C)." to read "METRICIDE PLUS 30 completely inactivates HIV-1 (AIDS virus) on hard, non-porous surfaces when used at a contact time of 30 seconds at room temperature (20°-25°C)."