

Technical Support Section Efficacy Review-II

Disinfectants Branch

EPA.Reg. No.or File Symbol 46781-1

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Data Accession No(s). 260965

Product Manager No. PM 31 (Lee)

Product Name Metricide Activated Dialdehyde Solution

Company Name Metrex Research Corporation

202.0 Recommendations

202.1 Efficacy Supported By Data

The submitted re-use data support efficacy of an undiluted activated solution when reused for 14 days for sterilization in 10 hours at 20°C and/or disinfection in 10 minutes at 20°C in accordance with label directions.

These data will also support efficacy claims for the 14-day reused solution against the following microorganisms:

<u>Pseudomonas aeruginosa</u>	Herpes simplex virus, Type 1
<u>Staphylococcus aureus</u>	Herpes simplex virus, Type 2
<u>Salmonella choleraesuis</u>	Poliovirus, Type 2
<u>Trichophyton mentagrophytes</u>	Adenovirus, Type 2
<u>Bacillus subtilis</u>	Echovirus., Type 8
<u>Clostridium sporogenes</u>	

202.2 Efficacy Not Supported By Data

The efficacy claim against Coxsackievirus, B5a, is not acceptable because the data indicate that the 14-day reused solution does not completely inactivate this virus.

202.3 Tuberculocidal Efficacy

The submitted data developed by the AOAC Tuberculocidal Activity Test appear to demonstrate effectiveness of a 14-day reused solution as a tuberculocide in 10 minutes at 20°C. However, since the Agency has evidence that reused solutions of glutaraldehyde-based products may not provide consistently effective tuberculocidal results in 10 minutes at 20°C, the validity of this data is questionable.

202.4 Labeling

The efficacy claim against Coxsackievirus B5a is not support by acceptable data and must be deleted.