

TECHNICAL SUPPORT SECTION EFFICACY REVIEW - I

Disinfectants Branch

IN 05-21-86

OUT 06-23-86

Reviewed By Dorothy M. Portner

Date 06-23-86

EPA Reg. No. 46781-1

EPA Petition or EUP No. None

Date Division Received 05-21-86

Type Product Sterilizing/Disinfecting Solution

Data Accession No(s). Unaccessioned

Product Manager PM-31

Product Name Metricde Activated Dialdehyde Solution

Company Name Metrex Research Corporation

Submission Purpose Additional virucidal data on a 31-day reuse
solution against Coxsackievirus B 5a

Type Formulation Liquid concentrate to be used undiluted

Active Ingredient(s):

Glutaraldehyde.....2.0

200.0 Introduction

200.1 Background Information

The submission, received 5-21-86 included the attached data report, dated 5-9-86, to show that Cocksackievirus B 5a is inactivated by a 14-day stressed reuse solution.

The original submitted virucidal data reviewed in TSS Review of 3-17-86 for the 14-day stressed reuse solution (batch 240851) showed a 3.5 log Cocksackievirus B 5a titer at a 2-minute contact time and no cytotoxicity.

The submitted data, developed on a 14-day stressed reuse solution (batch 244851), indicate a ≥ 4.0 log viral reduction and a 3.5 log cytotoxicity titer, but no detectable Cocksackievirus, at a 4-minute contact time.

Therefore, the submitted virucidal data demonstrate a satisfactory performance for acceptance of the proposed label claim for virucidal activity in 10 minutes against Cocksackievirus B 5. However, to complete the file record, procedural documental evidence for the additional reuse study on the batch 244851 sample should be provided by submission of the schedule of bioburden tasks.