

TECHNICAL SUPPORT SECTION TOXICOLOGY REVIEW - I

Disinfectants Branch

IN March 16 89 OUT March 16 89

Reviewed by Alex Arce Date March 16 89

EPA Reg. No. or File Symbol 49403 P U

EPA Petition or EUP No. None

Date Division Received 12-30-88

Type Product(s): I, (D) H, F, N, R, S

Data Accession No(s). 409507-01

Product Mgr. No. J. Lee # 31

Product Name(s) NIPACIDE Industrial Microbiostat

Company Name(s) Nipa Laboratories

Submission Purpose Registration - label review - data review

Chemical & Formulation Aqueous solution

Active Ingredient(s):

1,2 benzisothiazoli^N-3-one

8

17

pH = 12

24

BACKGROUND

The product will be used as a Industrial microbiostat

RECOMMENDATIONS

The data submitted are adequate to place the product tested in the following toxicity category:

<u>STUDY</u>	<u>TOX CATEGORY</u>
Acute Oral	<u>III</u>
Acute Dermal	<u> </u>
Acute Inhalation	<u> </u>
Skin Irritation	<u> </u>
Eye Irritation	<u> </u>

CRP STATUS

This product ~~does~~/does not require special packaging

LABEL

No adverse comments

NOTE ; This submission contains only one study ; Acute Oral Toxicity,
~~It is indicated also that previous data , submitted to E PA, has been~~
~~reviewed and approved.~~

The product follows Toxicity Category I due to the pH that is 12 ,
thus further data is not required

DATA REVIEW

Test Laboratory: Consumer Product Testing

Study # 87448

Acute Oral LD₅₀ CFR 81.1

Report date: Jan 20 88 MRID No. 409892-01

Method of Testing: CFR 81-1

Species: Rats

Sex: Male and female Levels Tested: 0.20-0.63-1.00

Age: Adults No. Animals/dose: 5/5

Weights: Acceptable Via: Intubation

Material: Undiluted Observation days: 14

Necropsy: All

Procedure The rats were tested with the undiluted material, by gavage, in empty stomachs and observed for signs of toxicity, changes in behavioral patterns or body weights. All animals were autopsied or necropsied.

Results:

Signs of Toxicity: Depression, death

Body Weights: Survivors gained

Mortality: 2 fem at 0.20 g-- 2 males and 2 fem at 0.63 g and 3m and 3 f at 1.00 g/kg dose levels

Necropsy: Distended stomachs

Conclusion: The Acute Oral LD₅₀ is 0.82 g/kg (combined)

Core Minimum data

Toxicity Category: III

26