

EPA #	Date	Product Name	Use Classification	TC
7453-UR	4/2/78	DAZZLE DISINFECTANT CLEANER		CA

RECOMMENDATION: ☐ register ☒ other (explain)

In the formulated product the irritation of cornea, iris, and conjunctiva is reversible before the fifth day observation period. However, the eye irritation on the 1:10 diluted product, the corneal opacity is still present at the 13th + 14th day observation period. Please submit a sample of your product for testing.

Acute Oral (Rat)	LD50 g/Kg	TECH	FORMULATION	USE DILUTION
			7.3 g/Kg	

Toxic signs: Not given. C.L. (5.98-8.91) g/Kg.

Comments: Gross findings included pneumonitis with hemorrhages and petechiae throughout the alimentary tract. Survivors show no gross pathology.

Classification: Core Minimum Std.

Acute Dermal (Rabbit)	LD50 g/Kg		47g/Kg	
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Toxic signs: C.L. (3.48-5.55) g/Kg.

Comments: Thickening of the skin with intense hyperemia, edema and eschar. These symptoms were slightly relieved in the surviving rats at the end of the observation period.

Gross findings: pneumonitis with fluid in the thorax periton and cloudy liver and kidneys. Classification: Core Minimum Std.

Acute Inhalation ()	LC50			
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Toxic signs:

Comments: Not required.

Primary Eye Irritation (Rabbit) Draize score:	Irritant	
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Comments: On day one produced irritation of the cornea (grade 2), iritis (grade 1), conjunctivitis (grades 3+4). This reaction was negative at day two, cornea negative at day 4 and conjunctivitis negative at day five.

Classification: Core Minimum Std.

Primary Skin Irritation (Rabbit) Draize score:	No irritation	
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Comments: Edema and erythema were negative.

Primary skin irritation index = 0

Classification: Core-Minimum Std.

Other Studies: 6 rabbits:

Twenty Day Subacute Dermal: Mild hyperemia and in some rabbits a mild edema developed during treatment. Minimal chronic inflammation was observed in the dermis two rabbits and one rabbit had a chronic cystitis, chronic pyelonephritis.

All other findings were essentially of no significance. Classification: Core Minimum Std.

tion Human Safety

Review

PM 31, Joseph

CASWELL NOS. 231A, 4.

VanDUX Reviewer C.A. RODRIGUEZ

3-UR

Date

Product Name

DAZZLE DISINFECTANT
CLEANER

Use Classification

TOX
CAT.

RECOMMENDATION:

☐ register

☒ other (explain)

Acute Oral (Rat)

LD50

TECH.

FORMULATION

USE
DILUTION

Toxic signs:

Comments:

Acute Dermal (Rabbit)

LD50.

Toxic signs:

Comments:

Acute Inhalation ()

LC50

Toxic signs:

Comments:

Primary Eye Irritation (Rabbit) Draize score:

Comments: (Diluted 1:64) - Slight irritation of conjunctivae and cornea
Corneal opacity reversible in 3 rabbits at 14 days observ
on period and reversible in 13 days in the other 3 rabb
Classification: Core Minimum Std.

Primary Skin Irritation (Rabbit) Draize score:

Comments:

Other Studies:

The teratology of Bordac 22 has been reviewed
and found to fulfill the teratology data requirements
for this chemical. However, a teratogenic study on
Tetrasodium Ethylene Diamine Tetraacetate is lacking. Please
submit this study to demonstrate the safety of TEDTA to
teratogenicity.
B. E. W. 4/2/78