

**CODING FORM FOR SRC INDEXING**

**REVISED 10/15/86**

<b>Microfiche No.</b>		
0TS0521115		
<b>New Doc I.D.</b>		
86-8900006065		
<b>Old Doc I.D.</b>		
<b>Date Produced</b>	<b>Date Received</b>	<b>TSCA section</b>
6/02/72	6/07/72	8D
<b>Submitting Organization</b>		
SHERWIN WILLIAMS CO		
<b>Contractor</b>		
HUNTINGDON RESEARCH CTR		
<b>Document Title</b>		
ACUTE ORAL LD50 INVESTIGATION IN RATS OF COBRATEC T1 100 SAMPLE NO, 5459 WITH COVER LETTER DATED 061289 (SANITIZED)		
<b>Chemical Category</b>		
TOLYL TRIAZOLE (29305-43-1)		



CONTAINS NO CBI

86-89000606

The Sherwin-Williams Company  
101 Prospect Avenue, N.W.  
Cleveland, Ohio 44115-1075

June 12, 1989

591  
~~86-890000575~~  
THRU  
~~86-890000626~~

Document Processing Center (Room L-100)  
Office of Toxic Substances (TS-790)  
Environmental Protection Agency  
401 M Street, S.W.  
Washington, D.C. 20460

ATTN: 8(d) Health and Safety Reporting Rule  
(Notification/Reporting)

Dear Sir or Madam:

Re: 1,2,3-Benzotriazole - 95-14-7 &  
Tolyltriazole - 29365-43-1

RECEIVED  
JUN 15 1989

During the ten-year period prior to April 13, 1989, the Sherwin-Williams Company manufactured the subject chemicals. These chemicals were added to 40 CFR 716.120 by publication in the Federal Register of February 28, 1989. The Sherwin-Williams's Chemicals Division manufactured these chemicals at its Cincinnati site. This product line and facility was sold to the PMC Specialties Group, Inc., effective July 1, 1985. Therefore, Sherwin-Williams is not subject to reporting under the Preliminary Assessment Information Rule, 40 CFR 712.30.

In compliance with 40 CFR 716.30, Judith A. Tins, Administrator, Product Safety, Sherwin-Williams Company, 101 Prospect Avenue, N.W., Cleveland, OH 44115, (216) 566-2919 has performed a search of the Sherwin-Williams files for health and safety studies on these two chemicals. She is the person who has responsibility for compliance with the Toxic Substances Control Act (TSCA) and maintains this type of information.

We are enclosing copies of the applicable studies on the above referenced chemicals. The specific chemical tested is indicated on the face of each study.

For reference:

- BT is benzotriazole
- BT-D is an unknown grade of benzotriazole
- Cobratec 99 is benzotriazole
- TT is tolyltriazole
- Cobratec TT-100 is tolyltriazole
- Cobratec TT-50-S is a 50% solution in water of the sodium salt of tolyltriazole
- Cobratec TT-35-I is a 35% solution of tolyltriazole in isopropanol.



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US EPA  
401 M Street, S.W.  
Washington, D.C. 20460

-2-

June 12, 1989

All unpublished studies that are known to Sherwin-Williams are in our possession, so we are not submitting any lists of studies as per 716.35, but are submitting copies of the actual studies. We have included a copy of a technical bulletin indicating physical and chemical properties of these two chemicals. We do not have copies of the tests to determine these properties.

I understand that this submission constitutes proper compliance with the 8(d) notice. If you have any questions about the enclosed materials, please contact the technical contact, Ms. Tins, at (216) 566-2919.

Submitted by:

John J. Gerulis, Director  
Environmental, Health  
and Regulatory Services  
The Sherwin-Williams Company  
101 Prospect Ave. N.W.  
Cleveland, OH 44115-1075  
(216) 566-2239

JJG/ct

Attach.

cc: J. A. Tins

IL

RECEIVED TOLEDO LABORATORY

JUN 7 1972

723-222

SHERWIN WILLIAMS CHEMICALS

~~CONFIDENTIAL~~

MS

COMPANY SANITIZED

Tolyltriazole  
29385-43-1



000657906X

86-890000606

ACUTE ORAL LD<sub>50</sub> INVESTIGATION

IN RATS OF

COBRATEC TT 100 SAMPLE NO. 5459

The Sherwin-Williams Company  
Toledo Laboratory  
1310 Expressway Drive  
Toledo, Ohio 43608

Gareth Owen, Ph.D  
Huntingdon Research Center  
Post Office Box 6857  
Baltimore, Maryland 21204

SUMMARY

An acute oral LD<sub>50</sub> investigation was made in rats using Cobratex TT 100 Sample No. 5459. The LD<sub>50</sub> was 675 mg/kg with 95% confidence limits of 535-851 mg/kg.



Gareth Owen, Ph.D  
Director,  
Toxicology and Pharmacology  
Huntingdon Research Center

June 2, 1972

mr

### INTRODUCTION

Cobratec TT 100 Sample No. 5459 was evaluated for oral LD<sub>50</sub> determination in rats.

### METHOD

Cobratec TT 100 Sample No. 5459 was administered orally in graduated doses to 4 groups of 10 rats. Five males and five females in each group. They were observed for 14 days.

### RESULTS

<u>mg/kg</u>	<u>Day of Death</u>		<u>Total Dead Total on Test</u>
	<u>0</u>	<u>1</u>	
1001	10/10	-	10/10
795	6/10	1/10	7/10
632	1/10	2/10	3/10
302	3/10	-	3/10

### LD<sub>50</sub> DETERMINATION

An LD<sub>50</sub> value was calculated from these data by the method of Litchfield and Wilcoxon\*. This procedure yields a value of 625 mg/kg. The 95% confidence limits were 504-775 mg/kg.

## CERTIFICATE OF AUTHENTICITY

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