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CODING FORMS FOR SRC INDEXING

Microfiche No.	OTS0559576				
New Doc ID	88980000226	Old Doc ID	8EHQ-0998-14259		
Date Produced	09/04/98	Date Received	09/17/98	TSCA Section	8E
Submitting Organization	DOW CHEM CO				
Contractor					
Document Title	INITIAL SUBMISSION: LETTER FROM DOW CHEM CO TO USEPA REPORTING RESULTS OF ORAL TOXICITY STUDY OF 1,3-DIPHENYLACETONE IN RATS, DATED 9/4/1998				
Chemical Category	1,3-DIPHENYLACETONE				

A 03



MR 9515

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The Dow Chemical Company
Midland, Michigan 48674

2030 DOW CENTER
September 4, 1998

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CONTAINS NO CONFIDENTIAL
BUSINESS INFORMATION

Document Processing Center (TS-790)
Office of Toxic Substances
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460
Attn: 8(e) Coordinator

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98 SEP 10 AM 11:28

Re: 1,3-Diphenylacetone
CAS # 102-04-5

Dear Sir/Madam:

The following information is being submitted by The Dow Chemical Company (Dow) pursuant to current guidance issued by EPA indicating EPA's interpretation of Section 8(e) of the Toxic Substance Control Act. Dow has made no determination as to whether a significant risk of injury to health or the environment is actually presented by the findings.

In an oral toxicity study using 1,3-Diphenylacetone, three fasted female Fischer 344 rats were dosed at 2000 mg/kg (neat material) by gavage in a single dose. None of the three died, but two rats exhibited incoordination on the day of administration, which was resolved on the following day. From this study, the LD₅₀ was determined to be greater than 2000 mg/kg.

Questions regarding this information may be directed to the undersigned.

Sincerely,

Paul A. Wright
Paul A. Wright

Counsel
Legal Department
517/636-1853



BEHQ-98-14259



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