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TITLE  
FR-651-P: ACUTE ORAL TOXICITY IN FISCHER 344 RATS

1  
PAGES  
IN FULL  
REPORT



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This report is:  INTERIM and mainly:  NEW  
 FINAL  REVIEW

DESCRIPTIVE SUMMARY  
WITH CONCLUSIONS:

A sample of FR-651-P, also known as pentabromomonochlorocyclohexane and identified as Midland - EPS PLT, was submitted for evaluation of acute oral toxicity. The source of this white solid was the Foamed Plastics Technical Center, Dow Chemical Company, Hanging Rock, OH. The test material is used in the foamed plastics area.

Acute oral toxicity testing was conducted with Fischer 344 rats (Charles River Breeding Laboratories, Inc., Kingston, NY).

The acute oral toxicity of the test material was extremely low. Range-finding tests indicated the single dose oral LD50 for rats was greater than 5000 mg/kg. Three female rats received 2500 mg/kg while three male rats received 5000 mg/kg of the test material as a 25% suspension in corn oil by oral gavage. Diarrhea was the only in-life sign of toxicity observed in both dose groups. One rat in the 5000 mg/kg dose level was also observed as lethargic with palpebral closure. All rats survived and eventually gained weight during the two week observation period.

ARE MATERIALS DESCRIBED IN THIS REPORT ON TSCA INVENTORY?  
IF NO, LIST MATERIALS ON REVERSE SIDE OF THIS PAGE THAT WE WILL USE OR PRODUCE COMMERCIALY THAT WILL REQUIRE A PMN. YES  NO

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