



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PESTICIDES AND TOXIC
SUBSTANCES

MEMORANDUM

Subject: EPA ID # 081301: Captan - Review of acute dermal and dermal irritation studies (MRID Nos. 164357 and 400214-01)

Tox. Chem. Number: 159
Project Number: 1-2599
Submission Number: S404177

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Toxicology Branch I
Health Effects Division (H7509C)

Paul Chin 1/15/92

To: Carol Peterson, PM 71
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Special Review and Reregistration Division (H7508W)

Thru: Joycelyn Stewart, Ph.D.
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J. Stewart 1/15/92
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Registrant: ICI Americas, Inc.

CONCLUSIONS:

The acute dermal and primary dermal irritation studies have been previously reviewed. The acute dermal study was submitted under Acc. No. 265787, Study No. T-11474, and Report date 5/22/84. The Acc No. for the primary dermal irritation study was not stated but the study was submitted under Study No. T-12526 and Report date 11/26/86. Both studies are acceptable and have been assigned a classification of either core-minimum or guideline and satisfy the guideline requirements of 81-2 and 81-5. Therefore, no additional review of these studies are required. The Data Evaluation Reports (DERs) are attached to this memorandum.

Acute dermal toxicity study--See memorandum of Marion Copley to R. Mountfort, Registration Division, HED Doc. No. 006753 and Data Evaluation Report (DER) dated April 19, 1988. Acc. No. 265787. TRID No. 470313-032). Study No. :T-11474 Report date: 5/22/84

Primary dermal irritation study--See memorandum of Mary Waller to R. Mountfort, Registration Division, HED Doc. No. 006124 and DER dated May 8, 1987. Acc. No. not stated. MRID No. :400214-01. Study No. :T-12526. Report date: 11/26/86

STUDY CONCLUSIONS:

1. **ACUTE DERMAL - RABBIT (81-2)**
ACCESSION No. : 265787
MRID No. : not stated (TRID No. 470313-032)
Study No. :T-11474
Report date: 5/22/84
CONCLUSIONS:
LD₅₀ >2000 mg/kg (limit test), no irritation.
Toxicity category: III
Core Classification: Minimum
2. **DERMAL IRRITATION - RABBIT (81-5)**
MRID No. :400214-01
Study No. :T-12526
Report date: 11/26/86
CONCLUSIONS:
No irritation was observed at 72 hours.
Toxicity category: IV
Core Classification: Guideline

REQUESTED ACTION:

The Reregistration Branch requested that the Toxicology Branch review the following studies:

1. **ACUTE DERMAL - RABBIT (81-2)**
ACCESSION No. : 265787
MRID No. :164357 (TRID No. 470313-032)
Study No. :T-11474
Report date: 5/22/84
2. **DERMAL IRRITATION - RABBIT (81-5)**
MRID No. :400214-01
Study No. :T-12526
Report date: 11/26/86

Note: The requirements for all acute toxicity studies have been satisfied.

DATA GAP:

The following study has been identified as data gaps:

Metabolism (THPI moiety)-- 4 studies (MRID Nos. 415054-01 to 415054-04) have been submitted to EPA and they are being reviewed by the Toxicology Branch I.