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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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.


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.