

US EPA ARCHIVE DOCUMENT



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

OFFICE OF  
PESTICIDES AND TOXIC SUBSTANCES

MEMORANDUM

28 SEP 1981

DATE: September 23, 1981

SUBJECT: DC 5700 Antimicrobial Reg. No. 34292-1      Caswell No. 892 B

FROM: Henry Spencer, Pharmacologist  
Toxicology Branch, HED (TS-769) *HS 9/24/81*  
*MS 9/23/81*

TO: John Lee  
Registration Division, PM 31

THRU: William Burnam, Acting Branch Chief  
Toxicology Branch, HED (TS-769)

Conclusion and Recommendation:

The proposed uses of DC 5700 on the polyester and polyester cotton blended fabrics noted in Dow's submission should pose no hazard to humans or the environment.

The aforementioned recommendation is based upon the reports demonstrating that DC 5700 did not leach from the fabric under extreme changes in pH.

The recommendation can be made in lieu of long term feeding studies and other type data requirements normally needed since exposure by absorption would be negligible to non-existent without separation from the fabric.

\*The only exception to the full, requested registration would be the restriction from use of 100% cotton fabric which has been ascertained to leach the DC 5700.

The review of a submitted dermal absorption study is in progress and will follow this memo.

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