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DEPARTMENT OF THE ARMY
U.S. ARMY ENVIRONMENTAL HYGIENE AGENCY) Dr. McCreech/cmd/584-3980
ABERDEEN PROVING GROUND, MARYLAND 21010

6 JAN 1978

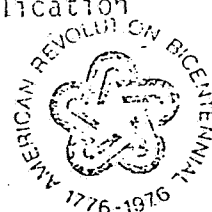
SUBJECT: Toxicological Studies Required for Registration of Paranitrophenol as a Leather Fungicide.

Commander
US Army Natick Research and Development Command
ATTN: DRXNM-ZT
Natick, MA 01760

1. Reference letter, your office, 31 August 1977, subject as above, with indorsements thereto.
2. This letter confirms information provided to Dr. Kaplan, your office, by Dr. McCreech, this Agency, on 4 January 1978.
3. The following approximate schedule for completion of tests requested by the US Environmental Protection Agency (EPA) (inclosure to reference above) is provided for your coordination:
 - a. Teratology studies - July 1978
 - b. Reproduction (3 generations) - April 1978
 - c. Avian acute LD50 - July 1978
 - d. Avian subacute LC50 - October 1978
 - e. Fish acute toxicity - September 1978
 - f. Invertebrate acute toxicity - September 1978
4. Such tests are scheduled for initiation in April 1978, subsequent to receipt of satisfactory test samples. Sample delivery will be coordinated between Dr. Kaplan and Dr. McCreech.
5. Subacute and long-term dermal tests are being coordinated with the National Cancer Institute (NCI) and if they are accepted by NCI for testing, will take approximately 4 years. Inclosure 1 to this letter is an information sheet provided by NCI to be used as a chemical selection basis. Please provide any information available. Hopefully, application

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for NCI acceptance can be proposed by February 1978. Inclosure 2 is an example of a completed data summary used for the selection [redacted] and is provided for your information.

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Fast information

6. In addition to the chemical selection proposed individually for PiP, this Agency has nominated (Incl 3) PiP separately for NCI consideration as a chemical with important military applications which will require testing for carcinogenicity in the near future.

7. Long-term feeding studies should not be required because no potential for ingestion exists in the proposed uses described. This position should be coordinated with EPA.

8. If further information is needed please contact Dr. Arthur McCreesh, Autocon 584-3930.

FOR THE COMMANDER:



BRENDAN E. JOYCE, Ph.D.
LTC, MSC
Director, Laboratory Services

3 Incl
as

CF:
HQDA (DASG-HCH)
Cdr, HSC (HSPA-H)