NOTICE OF RESEARCH PROJECT

TOX-TIPS

SUPPORTING ORGANIZATION:
National Toxicology Program
Dept. of Health and Human Services
Public Health Service
Research Triangle Park, NC 27709

PROJECT TITLE
Carcinogenesis Bioassay of Pentachlorophenol

INVESTIGATOR:
Dr. Marcellina B. Powers

DEPARTMENT/SPECIALTY, SCHOOL OR DIVISION
Chemical Manager

PERFORMING ORGANIZATION:
Tracor-Jitco Inc. (Prime)
Rockville, MD 20852
and
Battelle Columbus Laboratory
Columbus, OH 43200

NCI/NTP Carcinogenesis Testing Program
National Cancer Institute
Bethesda, Maryland 20205

SUPPORTING ORGANIZATION NUMBER(S):
Contract No: C55378
and/or NCI No. C56655
Control No: C55389
C54933

PERIOD FOR THIS NPR:
Start Date:
End Date:
Annual Funding:

PROJECT SUMMARY
National Toxicology Program (NTP) long-term carcinogenesis bioassays generally follow the following experimental design and protocol:

Males and females of two species, Fischer 344 rats and B6C3F1 mice, are exposed to two dose levels for a long-term study (18 or 24 months) by an appropriate route of administration (feed, gavage, inhalation, injection, skin painting, or water).

About 64 months are required from inception of the study to publication of the final report. Each chemical undergoes a seven phase test cycle: pretesting, initial toxicology characterization, chronic bioassay, summary report preparation, internal program review, external program review, and report issuance.

In these carcinogenesis bioassays, pentachlorophenol (as Dorvicide EC-7, DP-2, purified, and technical) is being administered to mice via the feed. All four studies are in the prechronic test phase.

CAS Registry No.
Pentachlorophenol 87-86-5

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Sponsored by • Toxicology Information Subcommittee • DHEW Committee to Coordinate Environmental and Related Programs
The bibliographic references (author, title, source) on this page have been obtained from searches of the following National Library of Medicine's on-line retrieval files: TOXLINE, CHEMLINE, MEDLINE, SDILINE, and CANCERLINE. The searches, made on databases that are the subject of the test described in the Notice of Research Project, usually have retrieved the most recent citations from these files. Because these searches have not been exhaustive, the investigator may wish to obtain more complete searches on the test substances by searching the NLM on-line files or by contacting the Toxicology Information Response Center (TIRC) at the Oak Ridge National Laboratory, P.O. Box X, Building 2024 Oak Ridge, TN 37830 — Phone: 615- 576-1743.

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