

OK

FEB 6 1976

REQUEST TO MONTANTO COMPANY
FOR SAMPLE QUANTITY OF PRODUCT
CONTAINING POLYCHLORINATED BIMBENYL ("PCB")

1. Name and address of organization making request: _____
Dr. H. Ernest Hemphill, Department of Biology
Biological Research Laboratories, Syracuse University
130 College Place, Syracuse, New York 13210
2. PCB product requested: Archlor 1254
3. Quantity requested: 50 -100 milliliters
4. Reason for request: Archlor 1254 is the chemical of choice for inducing liver mixed function oxidases in animals (Ames et al., 1975. Mutation Res. 31:347). We are setting-up the Ames system for screening chemicals for potential carcinogenicity this technique requires mixed function oxidases from animals to activate certain chemicals in the test.
5. Use to which sample of PCB-containing product will be put: _____
The Archlor 1254 is to be injected into rats to stimulate liver mixed function oxidases as noted in (4) above. Livers are then removed from rats and a crude liver homogenate made as described in the Ames reference given in (4) above.
6. Disposition to be made of any unused portion of sample: _____
Toxic chemical wastes from the Dept. of Biology are transferred to the Dept. of Chemistry which has a contract for final disposal by incineration or burial.

7. Names and brief description of educational background and job responsibility of person(s) who will be working with sample:

The Archlor 1254 will be used directly by Dr. H. Ernest Hemphill, Associate
Professor of Microbial Genetics, in the "Ames" test for carcinogens. Dr. Hemphill's
educational background is in chemistry (B.S.) and microbiology(Ph.D.)

The undersigned organization represents that: the foregoing statements are true; it understands that if Monsanto elects to supply the requested sample of a PCB-containing product, Monsanto does so in reliance on the truth and accuracy of the foregoing statements; the person(s) designated by the undersigned organization who will be working with the sample is (are) aware that PCBs have been identified as a potential hazard to the environment and that regulations concerning their use or disposition are contemplated or may exist; that the label accompanying any sample will be read and cautions and instructions thereon will be observed; and that care is required in the disposition of PCB-containing products so as to avoid any adverse effect on human health and the environment.

NAME OF ORGANIZATION:

Syracuse University

By H. Ernest Hemphill

(Authorized Signature)

Title Associate Professor of Microbial Genetics

Date February 3, 1976