LISTING OF

TOXICITY AND RELATED STUDIES

OF

POLYCHLORINATED BIPHENYLS

NOTE: Those reports listed in addition to those included in Exhibit "C" of the Answers to the Holly Farms Interrogatories indicated by an asterisk.

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REPORTS & STUDIES

HARVARD SCHOOL OF PUBLIC HEALTH

1. Experiments to determine the possible toxicity of the following substances:
   --chlorinated diphenyl #1268
   mixture of chlorinated diphenyl and chlorinated diphenyl benzene #5460 Dated September 15, 1938

THE BARNARD FREE SKIN AND CANCER HOSPITAL
St. Louis, Missouri

1. Project W-31 Aroclor (1254) Report on Patch Testing, dated December 22, 1949.

THE KETTERING LABORATORY
Cincinnati, Ohio

1. The Toxicity of the Fogs Formed by Dropping Pydraul F-9, Aroclor 1248, and Tricresyl Phosphate, Upon the Surface of of a Heated Inconel - dated March 11, 1953.

2. The Toxicity of the Vapor of Aroclor 1242 and of Aroclor 1254, dated June 28, 1955.

SCIENTIFIC ASSOCIATES
St. Louis, Missouri

1. The Acute Oral Toxicity (LD_{50}) of Aroclor 1254 for Rats, dated November 10, 1953.

2. The Acute Oral Toxicity (LD_{50}) of Aroclor 1242 for Rats, dated December 11, 1953.

INDUSTRIAL BIO-TEST LABORATORIES, INC.
Northbrook, Illinois

* 1. Subacute Dermal Toxicity of Aroclor 1221, March 28, 1963.

* 2. Acute Toxicity Studies With Aroclor 122, Aroclor 5442, and MCS 1016, March 25, 1971. IBT No. A9378.

3. Toxicity, Mutagenic, Teratogenic, Reproduction, and Residue Studies As To Various Aroclors in Rats, Chickens, Mice and Dogs - November 17, 1971.

* 4. Ninety-Day Subacute Oral Toxicity Study With Aroclor 1221 in Beagle Dogs, December 30, 1971. IBT No. C9885.

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Industrial Bio-Test Laboratories, Inc. (continued)

* 5. Four-Day Static Fish Toxicity Studies With Aroclor 1221, Aroclor 5432, Aroclor 5442, Aroclor 5460, and MCS 1016 In Bluegills and Channel Catfish, January 12, 1972. IBT No. A9380.

* 6. 90-Day Subacute Oral Toxicity Study With Aroclor 1221 In Albino Rats, April 28, 1972. IBT No. B9888.

* 7. Toxicity, Reproduction And Residue Study With Aroclor 1221 In White Leghorn Chickens, June 20, 1972. IBT No. J900.

BIOLOGICAL CONSULTANTS
Royal D. Suttkus, Ph.D.
Gerald E. Gunning, Ph.D.
New Orleans, La.

* 1. Interim Report - Fish Residue Analyses dated August 15, 1971.

* 2. Report covering December 1970, March 1971, June 1971 and September, 1971 - Fish Residue Data - dated June 9, 1972.

* 3. Final Progress Report, Residue Data, November 1970 to November, 1972 via letter dated February 27, 1973.

YOUNGER LABORATORIES
St. Louis, Missouri

1. Toxicological Investigation of OS-95 dated February 22, 1958.

2. Toxicological Investigation of OS-95 dated October 20, 1958.

3. The Toxicity of the Thermal Decomposition Products of OS-95, dated December 8, 1958.

4. Oral Toxicity (LD_{50}) Rats and Skin Absorption (MLD) Rabbits - Various Aroclors, dated June 25, 1962.

* 5. Toxicological Investigation Of: Aroclor 1221 dated June 13, 1962. Monsanto Project No. Y-62-41. Oral LD_{50} (rats) and Skin Absorption MLD (Rabbits).

* 6. Toxicological Investigation of: MCS 1109-Lot KA 801 dated October 27, 1971. Monsanto Project No. Y-71-153. Oral LD_{50} (Rats, Mixed Sex) and Acute Skin Absorption Minimal Lethal Dose (Rabbits, Mixed Sex); Skin Irritation (Rabbits, Mixed Sex); Eye Irritation (Rabbits, Mixed Sex); Vapor Inhalation (Male Rats).

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MONSANTO INDUSTRIAL CHEMICALS COMPANY
Applied Sciences Section
St. Louis, Missouri

* 1. Determination of Polychlorinated Biphenyl Residues in Albino Rats from a Two-Year Chronic Oral Toxicity Study dated October, 1971 - W. M. Mees, E. S. Tucker, W. J. Litschgi. Special Study 71-7. Job #1348006.

* 2. Determination of Polychlorinated Biphenyl Residues in Beagle Dog Tissues from a Two-Year Oral Chronic Toxicity Study, dated December, 1972 - W. M. Mees, E. S. Tucker, W. J. Litschgi, J. Cowell. Special Study 71-9. Job #13840.

* 3. Determination of Polychlorinated Biphenyl Residues in White Leghorn Chickens from a Toxicity, Reproduction and Residue Study with Aroclor 1242, Aroclor 1254, and Aroclor 1260, dated March, 1973 - W. M. Mees, E. S. Tucker, W. J. Litschgi, J. Cowell. Special Study 71-3. Job #1348006.

PCB-ARCH0743989