W. B. Papageorge - General Offices

October 8, 1971 H. W. Kilbourne - Akron

Naida Kisinger
Akron

Material Safety Data Sheets for El-Sixty and DPG are approved for release to customers.

W. B. Papageorge

er

DSW 171643

396

~~394~~

STLCOPCB4046269

October 8, 1971

Captain Philip F. Alm
Asst. Chief, Veterinary Department
Fifth U.S. Army Medical Laboratory
(Southern Area)
Fort Sam Houston, Texas 78234

Dear Captain Alm:

I regret I can not send you a copy of Technical Bulletin O/PL-306 since it is no longer in print. I have enclosed a copy of O/PL-306A which contains all the chemical and physical characteristics of Aroclors formerly included in the older bulletin.

I have also enclosed additional information on polychlorinated biphenyls. Samples of Aroclor 1242, Aroclor 1254 and Aroclor 1260 are available for use as laboratory standards if you desire.

I hope this information is useful to you. If I can be of further service, please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

bt

Enc.

DSW 171644

395
~~393~~

STLCOPCB4046270

Monsanto

OUTGOING MESSAGE BLANK
Tele-Communications System

DATE	TIME	SENDER'S ACCOUNT NO.
10/8/71	1:35 pm	2-00-735.70

INDICATE DESIRED SERVICE → ☐ FULL RATE ☐ DAY LETTER ☐ NIGHT LETTER

Names of addressee and sender must include initials. Show complete address for telegrams and cables.

D. L. Mellon
Everett Plant

I called George Langlais on 10/4/71. On recall 10/7/71 he had nothing new to discuss.

Oral LD-50 with rats as follows - MG/KG

Aroclor 1242	8650
Aroclor 5442	10600
HB-30	12950
HB-40	10200

All materials classified as practically non-toxic.

W. B. Papageorge
St. Louis

DSW 171645

394

Service - Forward to transmitting operator IMMEDIATELY after preparation

STLCOPCB4046271

October 8, 1971

Dr. M. W. Miller
Eastern Manager
Horticultural Research
General Foods Corporation
County House Road - R.D. 3
Albion, New York 14411

Dear Dr. Miller:

Your letter dated September 29 and addressed to Dr. J. M. Magner of Monsanto was directed to me for response since I am involved in the study of the total PCB problem.

The use of PCB's as pesticide extendus~~was~~ers was studied by the U.S. Department of Agriculture and was limited to the use of insecticides such as lindane applied to hard surfaces for the control of insects such as roaches and silver fish. Although effective, this use of PCB's never became large and a recent survey shows that in 1969 - for example - only 15,000 pounds were consumed in this application.

Starting in June 1970, Monsanto voluntarily refused to sell PCB's for this purpose. In October 1970, the Pesticide Regulation Division, then under the U.S. Department of Agriculture, issued PR-75 banning the use of PCB's in pesticides within 6 months.

In summary, PCB's have not been and are not now used with pesticides related to food crops.

DSW 171646

393

~~392~~

STLCOPCB4046272

I hope this information is useful. If I can be of further service, please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

er

CC: Dr. J. M. Magner
Monsanto Company
800 North Lindbergh Blvd.
St. Louis, Missouri 63166

DSW 171647

202

STLCOPCB4046273

October 7, 1971

Mr. Ray Russ
Purchasing and General Services
Wright State University
Dayton, Ohio 45431

Dear Mr. Russ:

I regret I cannot send you the sample of Aroclor 1248 you requested in your letter dated September 20. We no longer manufacture this particular mixture of polychlorinated biphenyls and our inventory of samples has been depleted.

I am sending, however, under separate cover samples of Aroclor 1242 and Aroclor 1254. I hope the lack of Aroclor 1248 does not seriously inconvenience you and that the samples you will receive will be useful to you.

We do not have a catalog which describes only organic chemical products but I have enclosed literature describing our broader product line.

If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

Enclosures

DSW 171648

392
~~396~~

STLCOPCB4046274

October 7, 1971

Mr. C. J. Schneider 412 - 391-3300 Ext 2277
Sinclair Koppers Company
Koppers Building
Pittsburgh, Pennsylvania 15219

Dear Mr. Schneider:

Enclosed are two copies of a technical bulletin describing the polychlorinated biphenyls marketed by Monsanto under the trade name Aroclors.

I hope you find this information useful. If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

Enclosures

DSW 171649

391
~~369~~
~~389~~

STLCOPCB4046275

Monsanto

OUTGOING MESSAGE BLANK
Telecommunications System

DATE 10/7/71 | TIME 12:15 pm | SENDER'S ACCOUNT NO. 2-00-735.70

INDICATE DESIRED SERVICE → ☐ FULL RATE ☐ DAY LETTER ☐ NIGHT LETTER

Names of addressee and sender must include initials. Show complete address for telegrams and cables.

P.J.A. Marsh
Brussels

Report on two year PCB toxicity study not yet available pending completion of histological studies. Report expected by end of October. I will send you six copies which you may share with government agencies.

W. B. Papageorge
St. Louis

DSW 171650

390

for BETTER service - Forward to transmitting operator IMMEDIATELY after preparation

STLCOPCB4046276

October 5, 1971

Mr. David Lewis 206-623-3913
Weyerhauser Company
3400 13th Avenue SW
Seattle, Washington 98134

Dear Mr. Lewis:

I am sending under separate cover the sample of Aroclor 1242 you requested.

I have enclosed a copy of analytical methodology which I hope you find useful.

If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

Enclosure

DSW 171651

389

October 5, 1971

Mr. Robert Stemple 312-829-2990
Ajax Adhesives Company
1314 West 21st Street
Chicago, Illinois 60608

Dear Mr. Stemple:

Enclosed is a copy of analytical methodology for polychlorinated biphenyls which I offered to send you.

I hope you find this information useful. You may share it with your customers if you wish.

If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

Enclosure

DSW 171652

388

STLCOPCB4046278

October 4, 1971

Mr. John G. Fleckenstein
Milprint, Inc.
4200 North Holton Street
Milwaukee, Wisconsin 53201

Dear Mr. Fleckenstein:

I have enclosed a copy of the analytical method for the determination of polychlorinated biphenyls used by Monsanto laboratories.

I hope you find this information useful. If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

Enclosure

DSW 171653

387
~~386~~

STLCOPCB4046279

October 4, 1971

Mr. Harvey Haber
U.S. Playing Card Company
Park and Beach Streets
Cincinnati, Ohio

Dear Mr. Haber: 513-731-0220

Enclosed is the polychlorinated biphenyl information I offered to send you.

I hope you find this useful. If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

Enclosures

bcc: J. J. Roder - B2SG

DSW 171654

386

373

STLCOPCB4046280

October 4, 1971

215- 485-4711 Ext 410

Mr. John Yourtee
American Viscose Division
FMC Corporation
Marcus Hook, Pennsylvania 19061

Dear Mr. Yourtee:

I am sending under separate cover samples of Aroclor 1242 and Aroclor 1254 for laboratory use as polychlorinated biphenyl standards.

Enclosed is a copy of analytical methodology which I believw can be adopted to cellophane film.

I hope you find this information useful. If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

Enclosure

cc: Mr. P. Craska
Wilmington Office

DSW 171655

385
~~384~~

STLCOPCB4046281

October 4, 1971

Mr. Elaf Larson
Peavey Company
Technical Center
11 Peavey Road
Chaska, Minnesota 55318

Dear Mr. Larson:

I am sending under separate cover the samples of Aroclors you requested.

I hope you find these useful. If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

bcc: Marsha Bagby - B2NG

DSW 171656

384
~~383~~

STLCOPCB4046282

October 4, 1971

Dr. Gerald F. Combs 202-388-4979
Science and Education
Room 331E, Administration Building
U.S. Department of Agriculture
12th and Independence
Washington DC 20250

Dear Dr. Combs:

I have enclosed copies of information regarding polychlorinated biphenyls which I believe I offered to send you.

If hope you find this information useful. If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

Enclosures

DSW 171657

383
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STLCOPCB4046283

W. B. Papageorge - General Offices - B2NK

October 4, 1971

Dr. Arthur D. Snyder
Monsanto Research Corporation

Enclosed is a copy of polychlorinated biphenyl analytical methodology which I offered to send.

We have been sharing this procedure with customers and governmental agencies.

W. B. Papageorge

WBP/er

Enclosure

DSW 171658

382

October 4, 1971

Dr. John H. Nair III
Deputy Manager
Food Protection Laboratory
Life Sciences Division
Syracuse University Research Corporation
Merril Lane
University Heights
Syracuse, New York 13210

Dear Dr. Nair:

Responding to your request in a letter to Dr. George Ingle dated September 17, I have enclosed a copy of analytical methodology for polychlorinated biphenyls developed and used by Monsanto laboratories with considerable success.

If hope you find this procedure adaptable to paper board analyses. If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

Enclosure

cc: Dr. George W. Ingle
Washington DC Office

DSW 171659

381
~~38~~

STLCOPCB4046285

October 4, 1971

Dr. Doyle E. Roebuck
The Nestle Company
Regional Control Laboratory
P. O. Box 70
Marysville, Ohio 43040

Dear Dr. Roebuck:

Your letter dated September 16, requesting information on polychlorinated biphenyl samples was forwarded to me for response.

We are still manufacturing and I can forward to you samples of Aroclor 1242, Aroclor 1254 and Aroclor 1260. There is no charge for these materials up to the standard 16 oz. sample.

PCB's have not been sold for wood glue formulation since August 30, 1970. Prior to that time Aroclor 1254 was a popular ingredient for such use.

If you have a need for samples please let me know the types and quantities required.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

DSW 171660

380
~~379~~

STLCOPCB4046286

October 4, 1971

Dr. S. D. Kirsch
R & D Manager
Arabol Department
Borden Inc./Chemical Division
103 Foster Street
Peabody, Massachusetts 01960

Dear Dr. Kirsch:

I regret that the technical bulletin O/PL-328, entitled "Montar Polychlorinated Polyphenyl Compounds", which you received, did not properly identify the polychlorinated biphenyl contents of each Montar.

Actually the bulletin is outdated and should not have been sent to you without proper clarification. It is undergoing major revisions and we hope to issue the new edition before the end of the year.

At present we are marketing only two of the products, Montar 5 and Montar 9. Neither of these materials contains polychlorinated biphenyls.

I hope this information is useful to you. If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

DSW 171661

379
~~378~~

STLCOPCB4046287

October 4, 1971

Mr. Ralph Allen 502-634-1531 Ext 301
Manager, Central Research
Anaconda Aluminum Company
Box 1654
Louisville, Kentucky 40201

Dear Mr. Allen:

Confirming our telephone discussion Monsanto's polychlorinated biphenyl products marketed as Aroclors have never been recommended by Monsanto for food or food packaging use.

In addition, these materials have never been included in the GRAS list nor have they been approved by the Food and Drug Administration for food use.

I hope this information is useful to you. If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

DSW 171662

378

STLCOPCB4046288

October 4, 1971

Mr. Ernest W. Flick
Quality Control Chemist
Arabol Department
Borden Chemical/Division of Borden, Inc.
103 Foster Street
Peabody, Massachusetts 01960

Dear Mr. Flick:

Responding to your question in your letter dated September 28, Montar #5 does not contain polychlorinated biphenyls and therefore will not present the problems associated with these materials. We have no information which would indicate that Montar #5 would cause environmental problems.

Studies conducted thus far with Aroclor 5460 do not indicate that environmental pollution problems will result.

I have enclosed a copy of a technical bulletin describing other Aroclors which we believe are environmentally acceptable.

At this point I would like to emphasize that none of the Aroclors are recommended for use with or near food, animal feeds, potable water, pharmaceuticals or food packaging.

I hope this information is useful to you. If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

DSW 171663

377

STLCOPCB4046289

W. B. Papageorge - General Offices - B2NK

October 1, 1971

D. Goodwillie - 5080
Montreal Office

Attached is a copy of PCB analytical methodology used by Monsanto laboratories.

You may share this with customers or governmental agencies.

W. B. Papageorge

WBP/er

Enclosure

DSW 171664

376

October 1, 1971

Mr. Dale S. Bryson
U.S. Environmental Protection Agency
1 North Wacker Drive
Chicago, Illinois 60606

Dear Mr. Bryson:

Enclosed is the polychlorinated biphenyl information I offered to send you.

I hope you find it useful.

If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

Enclosures

DSW 171665

375

STLCOPCB4046291

October 1, 1971

Miss Ellen Hannan
Research Assistant
Department of Food Science and Technology
Oregon State University
Corvallis, Oregon 97331

Dear Miss Hannan:

I am sending under separate cover the samples of Aroclor 1221 and Aroclor 1242 you requested in your letter dated September 27.

Our work on the biodegradation of polychlorinated biphenyls continues. I regret I do not have finished data to share with you But I have attached a copy of our status report on this work. I hope you find this information useful.

If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

Enclosure

DSW 171666

374

STLCOPCB4046292

October 1, 1971

Dr. John W. Sloan
Chemistry Group
Laboratory Services Division
Meat and Poultry Inspection Program
Consumer and Marketing Services
U.S. Department of Agriculture
Washington DC 20250

Dear Dr. Sloan:

Dr. George Ingle of our Washington office informs me of your interest in the composition of Therminol 66.

Therminol 66 does not contain polychlorinated biphenyls. It is a mixture of partially hydrogenated terphenyls which Monsanto also markets as a plasticizer which we designate as HB-40.

I have enclosed technical bulletins which describe this material. I hope you find this information useful. If I can be of further service please let me know.

I would appreciate very much every effort you can make to keep this information confidential as you suggested in your letter to Dr. Ingle.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

Enclosures

cc: Dr. G. W. Ingle
Washington DC

DSW 171667

373

STLCOPCB4046293

SEPTEMBER

DSW 171668

September 29, 1971

713-474-2831 Ext 44

Mr. H. J. Cook
Technical Director
Southwest Chemical and Plastics
P. O. Drawer 478
Seabrook, Texas 77586

Dear Mr. Cook:

Enclosed are copies of newspaper clippings regarding the recnnt poultry - PCB incidents. I have also enclosed copies of PCB information which you may find interesting.

If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

Enclosures

DSW 171669

372

STLCOPCB4046295

September 29, 1971

Dr. Donald L. Grant
Food Division
Food and Drug Directorate
Department of National Health and Welfare
Tunney's Pasture
Ottawa, Ontario K1A 0L2
Canada

Re: 960-M

Dear Dr. Grant:

I am sending under separate cover the sample of Aroclor 1254 you requested in your letter dated September 14, to Mr. Jack T. Garrett.

If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

cc: Mr. Jack T. Garrett

DSW 171670

371

STLCOPCB4046296

September 29, 1971

Dr. Joseph N. Blazevich
Regional Laboratory
Federal Water Pollution Control Administration
200 South 35th Street
Corvallis, Oregon 97330

Dear Dr. Blazevich:

I am sending under separate cover samples of Aroclor 1242, Aroclor 1254 and Aroclor 1260 you requested in your letter to Mr. Jack T. Garrett dated September 9.

I regret I cannot send you samples of the other Aroclors you listed. These materials have not been manufactured for several months and the limited inventory of samples has been exhausted.

I hope the lack of these materials does not seriously inconvenience you. If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

cc: Mr. Jack T. Garrett

DSW 171671

370

STLCOPCB4046297

September 29, 1971

622-5061

Mr. A. F. Castranova
Area Director
U.S. Department of Labor
Occupational Safety and Health Administration
Federal Building - Room 2525
1520 Market Street
St. Louis, Missouri 63103

Dear Mr. Castranova:

Our many locations and departments within Monsanto are very interested in receiving copies of a booklet issued by the U.S. Department of Labor entitled "Material Safety Data Sheet" (U.S. Government Printing Office - 1969 0-367-234).

We have an immediate need for 25 copies. Can your office help us?

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

DSW 171672

369

STLCOPCB4046298

September 29, 1971

312-299-0183

Miss Joan D'Vorak
Technical Service Center
Weyerhauser
111 East Rawls
Des Plaines, Illinois 60018

Dear Miss D'Vorak:

Enclosed are copies of the polychlorinated biphenyl material I offered to send.

I hope you find it useful.. If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

Enclosures

DSW 171673

368

STLCOPCB4046299

September 29, 1971

Dr. James Crossman
Research Department
Boise-Cascade Corp.
International Falls, Minnesota 56649

Dear Dr. Crossman:

Enclosed is a copy of a polychlorinated biphenyl analytical methodology you requested.

I hope you find it useful. If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

Enclosure

DSW 171674

367

STLCOPCB4046300

September 29, 1971

Dr. Robert Martin
Zipf Laboratories
15 Southmoor Circle
Dayton, Ohio 45429

Dear Dr. Martin:

I am sending under separate cover samples of polychlorinated biphenyls for use as laboratory standards.

I am enclosing a copy of a polychlorinated biphenyl analytical methodology which I hope you find useful.

If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

Enclosure

DSW 171675

366

STLCOPCB4046301

September 29, 1971

Dr. David C. Locke
Department of Chemistry
Queens College
The City University of New York
Flushing, New York 11367

Dear Dr. Locke:

I am sending under separate cover the samples of Aroclors you requested in your letter dated September 27, There is no charge for these samples.

If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

DSW 171676

365

STLCOPCB4046302

September 28, 1971

816-561-9200

Mr. Harry Stapleton
Seaboard Allied Milling Corporation
1550 West 29th Street
Kansas City, Missouri 64108

Dear Mr. Stapleton:

Enclosed is the information on polychlorinated biphenyls I offered to send you.

I hope you find it useful. If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

Enclosures

DSW 171677

364

STLCOPCB4046303

September 28, 1971

Mr. Donald L. Schott
Product Development
American Home Food
Milton, Pennsylvania 17847

Dear Mr. Schott:

I am sending under separate cover a sample of Aroclor 1242 for use as a laboratory standard.

Enclosed are copies of PCB information which I hope you find useful.

If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

Enclosures

DSW 171678

363

STLCOPCB4046304

September 28, 1971

Dr. Robert A. Reynolds
GHT Laboratories
106 South 8th Street
Brawley, California 92227

Dear Dr. Reynolds:

I am sending under separate cover samples of Aroclor 1242, Aroclor 1254 and Aroclor 1260 you requested in y your letter dated September 17.

I regret I cannot send you samples of the other Aroclors listed. These materials have not been manufactured for several months and the supply of samples has been exhausted.

I hope the lack of some of the material does not seriously inconvenience you. If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

DSW 171679

362

STLCOPCB4046305

September 28, 1971

Dr. R. M. Levy
Allied Paper Inc.
1608 Lake Street
Kalamazoo, Michigan 49003

Dear Dr. Levy:

Enclosed is a copy of polychlorinated biphenyl analytical methodology.

I hope you find this information useful. If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

DSW 171680

361

STLCOPCB4046306

September 28, 1971

Dr. William F. Serat
Department of Public Health
Human Relations Agency
State of California
2151 Berkeley Way
Berkeley, California 94704

Dear Mr. Serat:

I am sending under separate cover the samples of polychlorinated biphenyl you requested in your letter dated September 22.

I hope the samples are useful in your fruit fly studies.

If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

DSW 171681

360

STLCOPCB4046307

W. B. Papageorge - General Offices - B2NK

September 28, 1971

D. Danna - B2NA
J. R. Durland - 5260
H. Kada - Yokkaichi City

ANALYSIS OF POLYCHLORINATED BIPHENYL
Memo S.U. to D.D. dated 9/2/71

S. Unano - 5260
Mitsubishi

I have attached copies of the title page and product discription from a catalog describing the evaporative concentrator and Snyder column used in the analysis of polychlorinated biphenyls.

I hope this information is useful to you. If I can help further please let me know.

W. B. Papageorge

WBP/er

Attachments

DSW 171682

359

STLCOPCB4046308

September 28, 1971

Mr. J. F. Cormack
Central Research Division
Crown Zellerbach
Camas, Washington 98607

Dear Mr. Cormack:

I am sending under separate cover the samples of Aroclor you request.

Enclosed is a copy of polychlorinated biphenyl analytical methodology.

I hope you find this information useful. If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

Enclosure

DSW 171683

358

STLCOPCB4046309

W. B. Papageorge - General Offices - B2NK

September 28, 1971

H. W. Kilbourne - 1010
E. P. Wheeler - A2NA
H. O. Hehner - 1760

Maida O. Kisinger - 1010

The Material Safety Data Sheets (OSHA-2) for the products listed below are approved for release to customers:

A-Thiocarbanilide
Flectol H
Santocure
Santocure MOR
Santocure NS
Santoflex AW
Santogard PVI
Santovar A
Santowhite Crystals
Santowhite Powder
Thiofide
Thiotax
Thiurad

To avoid duplication will you forward to me copies of correspondence concerning the use of these data sheets.

W. B. Papageorge

WBP/er

DSW 171684

357

STLCOPCB4046310

W. B. Papageorge - General Offices - B2NK

September 28, 1971

Messrs.

J. Mason - B2SA
H. S. Bergen - B2SA
T. L. Gossage - B2SL
W. R. Richard - T3A
E. P. Wheeler - A2NA
E. V. John - C2SE

This is a copy of a draft of the proposed contribution of the UK Ministry of Environment to the OECD at the October meeting in Paris.

W. B. Papageorge

WBP/er

Attachment

DSW 171685

356

STLCOPCB4046311

September 27, 1971

Dr. A. Pozefsky
General Electric Company
Industrial and Power Capacitor Products Department
John Street
Hudson Falls, New York 12839

Dear Al:

Enclosed are copies of press releases by Monsanto relating to the PCB problem.

I hope you find them useful. If I can be of further help please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

Enclosure

DSW 171686

355

STLCOPCB4046312

September 27, 1971

Mr. John G. Lipps, Jr.
Pan American Laboratories, Inc.
5369 East 14th Street
P. O. Box 1548 6
Brownsville, Texas 78520

Dear Mr. Lipps:

Enclosed is the polychlorinated biphenyl analytical methodology I offered to send.

I hope you find this information useful. If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

Enclosure

DSW 171687

354

STLCOPCB4046313

W. B. Papageorge - General Offices - B2NK

September 23, 1971

J. Mason - B2SA
E. M. Potter - B2NK
T. L. Gossage - B2SL
R. N. Brell - B3NE
J. R. Savage - B2NB
J. E. Smith - B2NB

Messrs.

W. S. Clark - B3NE
C. Paton - B2SH

The decision to retain the Aroclor 1221 designation for the undistilled material used in dielectric applications and to also use it to designate the Aroclor 1109 used in plasticizer applications has generated considerable concern that errors in shipping the correct material will occur.

I understand that consideration is being given to changing the designation of the material used in dielectric application. I recommend this approach and suggest it be made quickly to avoid further confusion.

W. B. Papageorge

WBP/er

DSW 171688

353

STLCOPCB4046314

September 22, 1971

Mr. Philip S. Blatz 302-774-7660
Research and Development Division
DuPont Company
Wilmington, Delaware 19898

Dear Mr. Blatz:

Enclosed are copies of analytical methodology for the determination of polychlorinated biphenyls which I offered to send.

Regarding information on the solubility in water of decachlorobiphenyl I regret I have no laboratory data specific to decachloro material. We have conducted studies with other PCB's. Extrapolation of this data may be useful.

At 25°C we found solubilities to be as follows:

Aroclor 1242 (42% chlorine)	200 ppb
Aroclor 1248 (48% chlorine)	100 ppb
Aroclor 1254 (54% chlorine)	50 ppb

Monsanto will accept your scrap decachlorobiphenyl liquid waste for disposal by high temperature incineration. I suggest that the material be placed in a sturdy drum capable of withstanding the trip without leakage and shipped to:

Monsanto Company
Department 246
Sauget, Illinois 62201.

The charge for this disposal service is 3 cents for each pound of material received. To assure that the material is properly

DSW 171689

STLCOPCB4046315

handled the enclosed labels should be placed on each drum returned. Additional labels are available from the address on the label.

I hope this information is useful to you. If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

Enclosures

bcc: D. R. Pogue - B2SJ

DSW 171690

STLCOPCB4046316

September 22, 1971

Mr. Rod Smith
123 West Washington
Madison, Wisconsin 53703

Dear Rod:

Enclosed are copies of the information I offered to send you.

I hope you find this information useful and if I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

Enclosures

DSW 171691

352

STLCOPCB4046317

September 22, 1971

404-832-6311 Ext 552

Mr. Tom Holland
Southwire Company
Carrollton, Georgia 30117

Dear Mr. Holland:

I was informed by Monsanto's Mr. Paul Benignus of your concern regarding the need for destroying scrap askarel fluids by incineration.

As you know askarels contain polychlorinated biphenyls which have been identified as environmental pollutants which could harm certain species of wildlife. To prevent further contamination of the environment strict control of these materials must be exercised. Destruction by complete incineration at very high temperatures is the only method now known that guarantees these materials do not escape into the environment.

Congressman Ryan, New York, has submitted proposed legislation to totally ban these materials. Because of their extreme importance to the electrical industry the realistic approach appears to be use in restricted applications with complete control. If this is not achieved a total ban will be the final outcome.

I have enclosed copies of articles which I hope will help clarify the situation. I hope you find these useful. If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

DSW 171692

D-1

STLCOPCB4046318

September 22, 1971

Mr. Ray Ormond
Tony Downs Foods Company
St. James Minnesota 56081

Dear Mr. Ormond:

I am sending under separate cover the sample of Aroclor 1242 requested in your purchase order No. 12028. There is no charge for this sample.

If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

DSW 171693

350

STLCOPCB4046319

September 22, 1971

Mr. Patrick L. Cox
Quality Control Supervisor
Felco - Land O' Lakes
2827 8th Avenue South
Fort Dodge, Iowa 50501

Dear Mr. Cox:

Enclosed are copies of polychlorinated biphenyl literature you requested in your letter dated September 20.

I hope you find this information useful. If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

Enclosures

DSW 171694

344

STLCOPCB4046320

September 22, 1971

Dr. S. L. Chen
Director, Biochemistry Laboratory
Research Department
Universal Foods Corporation
325 North 27th Street
Milwaukee, Wisconsin 53208

Dear Dr. Chen:

I have enclosed copies of information on polychlorinated biphenyls as requested in your letter.

I hope you find this information useful. If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

Enclosures

DSW 171695

345

STLCOPCB4046321

September 21, 1971

Dr. E. L. Anderson
322 "D" Street, S.E.
Washington D.C. 20003

Dear Dr. Anderson:

Enclosed is the information on PCB's I offered to send.

I hope you find it useful. If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

Enclosures

DSW 171696

STLCOPCB4046322

September 21, 1971

Dr. L. M. Lyne
Assistant Director
Pulp and Paper Research
The Ontario Paper Company Limited
Thorold, Ontario
Canada

Dear Dr. Lyne:

Your letter dated September 8, requested quotations on Aroclor 1221 and Aroclor 1254.

As you know, these Aroclors contain polychlorinated biphenyls which have been identified as environmental contaminants.

To prevent further contamination Monsanto has withdrawn these materials from open applications in which loss to the environment could not be assured.

Sales are now limited to electrical transformers and capacitors and to existing closed heat transfer systems where fire resistance is critical and there is no possibility of entering food directly or indirectly.

Unless you intend to use Aroclors in the approved applications it appears that alternative materials should be considered. If Monsanto can be of service please let me know or contact:

Mr. D. Goodwillie
Monsanto Canada Ltd.
P. O. Box 900
Montreal 101, Canada
Phone: 366-4850

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er
cc: D. Goodwillie - Montreal

DSW 171697

341

STLCOPCB4046323

September 21, 1971

Dr. Chester M. Himel
Department of Entomology
The University of Georgia
Athens, Georgia 30601

Dear Dr. Himel:

Your request for Aroclor samples addressed to Dr. Marshall Magner was forwarded to me for response.

I am sending under separate cover the samples of commercial Aroclor 1254 and Aroclor 1260 you requested.

I regret I have no analytical samples of any of the major components. I hope the lack of pure isomers does not seriously inconvenience you.

If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

cc: Dr. M. Magner

DSW 171698

-344

STLCOPCB4046324

Monsanto

OUTGOING MESSAGE BLANK
Telecommunications System

DATE	TIME	SENDER'S ACCOUNT NO.
9/21/71	2:10 pm	2-00-735.70

INDICATE DESIRED SERVICE → ☐ FULL RATE ☐ DAY LETTER ☐ NIGHT LETTER

Names of addressee and sender must include initials. Show complete address for telegrams and cables.

J. R. DURLAND
MITSUBISHI MONSANTO CHEMICAL CO.
TOKYO, JAPAN

CABLE: MOMKASEI TOKYO

I WILL ARRANGE FOR MR. UMEMO'S VISIT. RECOMMEND ABOUT TWO DAYS

ON PCB'S WEEK OF OCT. 18.

W. B. PAPAGEORGE
MONSANTO - ST. LOUIS

cc: D. Danna - B2NA
W. R. Richard - T3A

IN-IR REV. 7-64

for ~~BETTER~~ *service* – Forward to transmitting operator IMMEDIATELY ~~after~~ preparation.

DSW 171699

345

STLCOPCB4046325

September 20, 1971

Dr. J. R. Harr 503-754-2141
Department of Veterinary Medicine
Oregon State University
Corvallis, Oregon 97331

Dear Dr. Harr:

I am sending under separate cover the sample of Aroclor 1016 you requested for use in animal feeding studies.

We are extremely interested in the study you plan and hope you can share your results with us as they develop.

If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

DSW 171700

343

STLCOPCB4046326

September 20, 1971

Dr. Till Huston
Poultry Science Department
University of Georgia
Athens, Georgia 30601

Dear Dr. Huston:

I am sending under separate cover the samples of Aroclors you requested.

We are very interested in your proposed studies with chickens and hope you can share your results with us as they develop.

If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

bcc: Phyllis M. Rose - 1070

DSW 171701

341

STLCOPCB4046327

September 20, 1971

Dr. Philip Palermo
Field Headquarters
Division of Fisheries and Game
The Commonwealth of Massachusetts
Westboro, Massachusetts 01581

Dear Dr. Palermo:

I regret I cannot send the samples of Aroclor 1232 and Aroclor 1248 you requested in your letter of September 13,

These materials are no longer manufactured and the inventory of old samples has been exhausted.

I hope the lack of samples does not seriously inconvenience you.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

DSW 171702

STLCOPCB4046328

September 20, 1971

Dr. Roger Pollman
State Food Laboratory
Department of Ogriculture and Markets
State of New York
Laboratory Building No. 7
1220 Washington Avenue
Albany, New York 12226

Dear Dr. Pollman:

I regret I cannot send the samples of Aroclor 1232 and Aroclor 1248 you requested in your letter dated September 2.

These materials are no longer manufactured and the inventory of old samples has been exhausted.

I hope the lace of samples does not seriously inconvenience you.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

DSW 171703

339

STLCOPCB4046329

September 20, 1971

Mr. Charles Liddicoat
Research Center
Hercules, Inc.
Wilmington, Delaware 19899

Dear Mr. Liddicoat:

Enclosed are the labels I offered to send you to use on containers of scrap polychlorinated biphenyls being returned fordisposal.

When this supply is exhausted additional labels may be obtained from Monsanto at the address shown on the label.

I have not seen your order for Aroclor 1242 but when it appears I will hold as agreed until I hear from you regarding replacement with the new capacitor fluid, Aroclor 1016.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

Enclosures

DSW 171704

338

STLCOPCB4046330

September 17, 1971

Dr. Lawrence Fishbein
National Institute of Environmental Health Sciences
P. O. Box 12233
Research Triangle Park, North Carolina 277099

Dear Dr. Fishbein:

I am sending under separate cover samples of Aroclor 1242, Aroclor 1254, Aroclor 1260 as well as the new capacitor fluid Aroclor 1016 you requested in your letter dated September 16.

I regret I cannot send samples of Aroclor 1248 and Aroclor 1262 since these materials are no longer being manufactured and our inventory of old samples has been exhausted.

I hope the lack of these samples does not seriously inconvenience you. If I can be of further help let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

DSW 171705

September 20, 1971

Dr. Donald A. Griffin
Department of Agricultural Chemistry
Oregon State University
Corvallis, Oregon 97331

Dear Dr. Griffin:

I am sending under separate cover the samples of Aroclor 1242, Aroclor 1254, Aroclor 1260 and Aroclor 5460 you requested in your letter dated September 13.

I regret I cannot include samples of Aroclor 1232, Aroclor 1248 and Aroclor 1268 because these materials have not been manufactured for about one year and the supply of samples has been exhausted.

I hope the lack of some of the Aroclors does not seriously inconvenience you.

If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

September 16, 1971

Mr. G. Caspari
Research Center
Standard Oil Company (Indiana)
Warrenville Road & West Avenue
Naperville, Illinois 60540

Dear Mr. Caspari:

As discussed on the telephone the Aroclor 1260 and Aroclor 1262 you requested in your purchase order N-19338 dated September 10, are no longer available for general use.

I am sending under separate cover a sample of Aroclor 5442 for preliminary evaluation. There is no charge for this sample.

I I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

bcc: D. F. Smith - B2NG

DSW 171707

334

STLCOPCB4046333

September 16, 1971

Ms. Bety Kirkpatrick
Department of Veterinary Public Health
College of Veterinary Medicine
Texas A & M University
College Station, Texas 77843

Dear Ms. Kirkpatrick:

I am forwarding undersseparate cover the samples of Aroclors requested in your letter dated September 6.

There is no charge for these. If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

DSW 171708

354

STLCOPCB4046334

September 17, 1971

Mr. B. H. Falk
National Electrical Manufacturers Association
155 East 44th Street
New York, New York 10017

Dear Mr. Falk:

Enclosed are copies of statements made before the Senate Commerce Committee Subcommittee on the Environment on S.1478 on August 3 and 4.

I am sending Al Salazar a similar set.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

Enclosure

DSW 171709

33

STLCOPCB4046335

September 17, 1971

Mr. A. M. Salazar
National Electrical Manufacturers Association
155 East 44th Street
New York, New York 10017

Dear Al:

Enclosed are copies of statements made before the Senate Commerce Committee Subcommittee on the Environment on S.1478 on August 3 and 4.

I am sending Bernie Falk a similar set.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

Enclosure

DSW 171710

STLCOPCB4046336

September 17, 1971

Mr. F. A. Lobe
Air Management Branch
Department of Energy and Resources Management
800 Bay Street
Toronto 5, Ontario

Dear Mr. Lobe:

Mr. Dave Walker informed me of your interest in receiving information on Monsanto's Therminol fluids.

I have enclosed copies of technical bulletins in which typical properties of each of the fluids is described.

The FR series of Therminols contain polychlorinated biphenyls which have been identified as environmental contaminants. Monsanto has restricted the sale of these fluids for use only in those systems where fire resistance is critical and there is no opportunity for directly or indirectly contaminating food or animal feed. In addition, Monsanto will not sell these fluids for any new installations.

I hope this information is useful to you. If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

Enclosures

cc: D. Walker - Toronto

bcc: D. Goodwillie - Montreal
D. Roush - B2SG

DSW 171711

331

STLCOPCB4046337

September 17, 1971

Mr. T. Elias
Flexible Packaging Division
Crown Zellerbach Corporation
310 Brown Road
Hazelwood, Missouri 63042

Dear Mr. Elias:

Enclosed is the information on the polychlorinated biphenyls I offered to send.

I hope you find this information useful. If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

Enclosures

DSW 171712

336

STLCOPCB4046338

September 16, 1971

Jon M. Aase, M.D.
1135 West Eighth Avenue, Suite 3
Anchorage, Alaska 99501

Dear Dr. Aase:

I am sending under separate cover samples of Aroclor 5442, Aroclor 5460 and Aroclor 6090 for your evaluation for mounting microscopic specimens.

Enclosed is a copy of an information bulletin describing these materials.

I hope this information is useful to you. If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

Enclosure

DSW 171713

5329

STLCOPCB4046339

W. B. Papageorge - General Offices - B2NK

September 16, 1971

P. J. A. Marsh - Brussels

Your memo dated September 8, accompanied by translations of two Dutch articles referred to a draft of the proposed contribution of the UK Ministry of Environment to the OECD at their proposed October meeting.

The draft was not attached and I assume it was misplace. May I have another copy?

W. B. Papageorge

WBP/er

DSW 171714

325

STLCOPCB4046340

September 13, 1971

Mr. Everett Scheetz 612-331-6330 Ext 441
Land O' Lakes Inc.
614 McKinley Place
Minneapolis, Minnesota 55413

Dear Mr. Scheetz:

I am sending under separate cover samples of polychlorinated biphenyls for your use as laboratory standards.

I am enclosing copies of articles on polychlorinated biphenyls.

I hope you find this information useful. If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

Enclosure

DSW 171715

327

STLCOPCB4046341

September 13, 1971

Mr. George SaKell
Service Laboratory
American Meat Institute
828 West Exchange Avenue
Chicago, Illinois 60609

Dear Mr. SaKell:

I am sending under separate cover the samples of polychlorinated biphenyls you requested.

I am enclosing a copy of Monsanto's polychlorinated biphenyl analytical methodology.

I hope you find this information useful. If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

Enclosure

cc: G. L. Romoser

DSW 171716

326

STLCOPCB4046342

September 13, 1971

Dr. D. M. Doty 312-827-0139
National Fats and Protein Research Foundation
3150 Des Plaines Avenue
Des Plaines, Illinois 60018

Dear Dr. Doty:

Enclosed is a copy of Monsanto's polychlorinated biphenyl methodology which I offered to send during our recent telephone conversation.

I hope you find this information useful. If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

Enclosure

cc: G. L. Romoser

DSW 171717

325

STLCOPCB4046343

September 13, 1971

Dr. Carlos Castro
Midwest Research Institute
425 Volker Boulevard
Kansas City, Missouri 64110

Dear Dr. Castro:

I am sending under separate cover the samples of Aroclors you requested for use as laboratory standards.

If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

DSW 171718

324

STLCOPCB4046344

September 13, 1971

Mr. William H. Jennings
Jennings Laboratories
P. O. Box 851
Virginia Beach, Virginia 23451

Dear Mr. Jennings:

I am sending under separate cover the samples of Aroclors you requested for use as laboratory standards.

I have enclosed a copy of Monsanto's polychlorinated biphenyl analytical methodology and a copy of Technical Bulletin O/PL 306-A.

I hope this information is useful to you. If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

Enclosure

DSW 171719

323

STLCOPCB4046345

September 13, 1971

Mr. Horace J. Daniels
P. O. Box 989
Harrisonburg, Virginia 22801

Dear Mr. Daniels:

I am sending under separate cover a sample of Aroclor for use as a laboratory standard, as requested in your letter dated August 19.

If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

DSW 171720

Exh 3

STLCOPCB4046346

September 13, 1971

Mr. P. J. Mason 703 - 770 - 5518
Virginia State Water Control Board
4010 West Broad Street
Richmond, Virginia 23230

Dear Mr. Mason:

Enclosed is the polychlorinated biphenyl information which you requested.

I hope you find this information useful. If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

Enclosure

DSW 171721

321

STLCOPCB4046347

September 13, 1971

Mr. James O. Walton
Marathon Oil Company
1300 South Fort Street
Detroit, Michigan 48217

Dear Mr. Walton:

Mr. George Fague, Monsanto's Detroit office, informs me of your interest in the presence of polychlorinated biphenyls (PCB's) in Monsanto's hydraulic fluids.

Pydraul AC did contain PCB's but this fluid is no longer available. Pydraul AC-A, the alternative fluid, is not formulated with polychlorinated biphenyls as an ingredient.

I hope this information is useful to you. If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

cc: Mr. George Fague
Detroit Sales Office

bcc: C. L. Bradford/J. Davidson - B2SG

DSW 171722

326

STLCOPCB4046348

W. B. Papageorge - General Offices - B2HK

September 13, 1971

P. B. Benignus - B2SK
H. S. Bergen - B2SA
T. L. Gossage - B2SL
R. E. Keller - 1760
E. H. Munch - 1760
C. Paton - C3SP

W. R. Richard - T3A

Dr. Lyon Handelcorn, Westinghouse Research, Pittsburgh, Pennsylvania called to inquire about a formal report describing the relative data on the biodegradability of Aroclor 1016 and Aroclor 1242.

He indicated he had seen such a report and that someone in Monsanto had offered to send him a copy.

Is there a report we can freely share with customers or can the data available be presented in a manner that permits us to do so?

W. B. Papageorge

WBP/er

DSW 171723

319

STLCOPCB4046349

September 13, 1971

Dr. Herbert H. Cornish
School of Public Health
The University of Michigan
Ann Arbor, Michigan 48104

Dear Dr. Cornish:

I am sending under separate cover the samples of commercial Aroclors you requested in your letter dated August 30.

Monsanto has not been interested in the individual polychlorinated biphenyl isomers as a commercial product. As a result we have not become experts in isomer separation although some time ago we did isolate milligram quantities which we shared with a few laboratories. The supply is now exhausted and because of the high cost and because we are primarily interested in the commercial mixtures we do not plan to isolate additional quantities.

I do not know of any laboratory which has a supply of isomers which it is willing to share. The following laboratories have been working with PCB isomers for the past year or so and may be able to help you:

Dr. O. Hutzinger
National Research Council
Atlantic Regional Laboratory
1411 Oxford Street
Halifax, N.S., Canada

Dr. Ronald G. Webb
Federal Water Pollution Office
Southeast Water Laboratory
Athens, Georgia 30601

Dr. David C. Stallings
Fish-Pesticide Research Laboratory
Bureau of Sport Fisheries and Wildlife
U.S. Department of Interior
Route 1
Columbia, Missouri 65201

DSW 171724

SLP

STLCOPCB4046350

I hope this information is useful to you. If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

DSW 171725

September 13, 1971

Dr. S. P. Pavlou
Department of Oceanography WB-10
(11-2508)
University of Washington
Seattle Washington 98105

Dear Dr. Pavlou:

Monsanto has not been interested in the individual polychlorinated biphenyl isomers as a commercial product. As a result we have not become experts in isomer separation although some time ago we did isolate milligram quantities which we shared with a few laboratories. The supply is now exhausted and because of the high cost and because we are primarily interested in the commercial mixtures we do not plan to isolate additional quantities.

I do not know of any laboratory which has a supply of isomers which it is willing to share. The following laboratories have been working with PCB isomers for the past year or so and may be able to help:

Dr. O. Hutzinger
National Research Council
Atlantic Regional Laboratory
1 1411 Oxford Street
Halifax, N.S., Canada

Dr. Ronald G. Webb
Federal Water Pollution Office
Southeast Water Laboratory
Athens, Georgia 30601

Dr. David C. Stallings
Fish-Pesticide Research Laboratory
Bureau of Sport Fisheries and Wildlife
U. S. Department of Interior
Route 1
Columbia, Missouri 65201

DSW 171726

317

STLCOPCB4046352

I hope this information is useful to you. If I can help further please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

DSW 171727

September 9, 1971

Mr. Nicholas Miroulis 212-689-4000 Ev 437
The Great Atlantic & Pacific Tea Company
Room 440
420 Lexington Avenue
New York, New York 10017

Dear Mr. Miroulis:

I am sending under separate cover the samples of Aroclors you requested.

I am enclosing a copy of Technical Bulletin O/PL 306-A which replaced Bulletin 306.

I hope this information is useful to you. If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

Enclosure

DSW 171728

316

STLCOPCB4046354

September 9, 1971

713-526-4093

Miss Anna Crull
Institute for Research, Inc.
1714 Rice Boulevard
Houston, Texas 77005

Dear Miss Crull:

I am sending under separate cover a sample of polychlorinated biphenyls which is typical of Monsanto's Therminol FR-1.

I am enclosing a copy of Monsanto's polychlorinated biphenyl analytical methodology which I hope you find useful.

If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

Enclosure

DSW 171729

5/15

STLCOPCB4046355

September 7, 1971

Mr. Enid Lerch
1511 Amalfi Drive
Pacific Palisades, California 90272

Dear Mr. Lerch:

Thank you for your letter dated August 31, expressing an interest in Monsanto's PCB program.

I have enclosed copies of articles describing Monsanto's awareness of the PCB situation and the programs we have undertaken to control its escape to the environment. You will note that we have not discontinued PCB manufacture but have severely restricted the selling of these materials only to controllable end uses.

I regret that we have only one copy of the report entitled, "Chlorinated Hydrocarbons in the Marine Environment" which we would like to retain in our files. Perhaps another note to Mr. Vetter would be successful.

We addressed our request to:

Mr. Richard C. Vetter
Ocean Affairs Board
National Research Council
2101 Constitution Avenue, NW
Washington DC 20418

I hope this information is useful to you. If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

Enclosures

DSW 171730

3/4,

STLCOPCB4046356

September 8, 1971

Dr. Philip Palermo
Commonwealth of Massachusetts
Division of Fisheries and Game
Field Headquarters
Westboro, Massachusetts 01581

Dear Dr. Palermo:

We have been informed by our Sauget, Illinois plant that the Aroclor samples which you had requested were sent to you by parcel post on August 31. Therefore, we are sure you should be receiving them soon.

We hope that this delay, which apparently was caused by vacations of plant personnel, has not inconvenienced you.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

DSW 171731

3/12

STLCOPCB4046357

September 7, 1971

Dr. Paul Cundy
American Can Company
Box 702
Neenah, Wisconsin 54956

Dear Dr. Cundy:

Enclosed is the polychlorinated biphenyl analytical methodology you requested.

I hope this information is useful to you. If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

Enclosure

DSW 171732

511

STLCOPCB4046358

September 3, 1971

Mr. Wayne Thomas
Seymour, Inc.
P. O. Box 116
Topeka, Kansas 66601

Dear Mr. Thomas:

I am sending under separate cover the Aroclors you requested in your purchase order 28229 dated August 26.

There is no charge for these samples. If I can be of further service please leteme know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP

Encl

DSW 171733

310

STLCOPCB4046359

September 3, 1971

Mr. Athansios Loter 203-348-6401
Fleischman Laboratories
Betts Avenue
Stamford, Connecticutt 06904

Dear Mr. Loter:

I am sending under separate cover samples of Aroclor 1242, Aroclor 1254 and Aroclor 1260.

I have enclosed a copy of polychlorinated biphenyl methodology which I hope you find useful. If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

Enclosure

DSW 171734

309

STLCOPCB4046360

September 3, 1971

Mr. H. Isermann
Van Dyk and Company
11 William Street
Belleville, New Jersey 07109

Dear Mr. Isermann:

Attached is the only information available regarding potential effects of Aroclors (polychlorinated biphenyls) on humans.

I hope you findthhis information useful. If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

Enclosure

DSW 171735

308

STLCOPCB4046361

September 2, 1971

Mr. Newell Olson 703-649-1411 Ext 7802
Reynolds Metals Company
Packaging Research Division
10th and Byrd Street
Richmond, Virginia 23219

Dear Mr. Olson:

Enclosed is the copy of analytical methodology for polychlorinated biphenyls I offered to send you.

I hope you find it useful. If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

Enclosure

DSW 171736

307

STLCOPCB4046362

September 2, 1971

Mr. Charles Austin
Manager, Analytical Department
Quality Assurance Division
Kellogg Company
Battle Creek, Michigan 49016

Dear Mr. Austin:

I am sending under separate cover samples of Aroclors you requested for use as laboratory standards.

I am enclosing a copy of polychlorinated biphenyl analytical methodology which I hope you find useful.

If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

Enclosure

DSW 171737

311

STLCOPCB4046363

September 1, 1971

Dr. Lawrence Fishbein
Chief, Analytical and Synthetic Chemistry Branch
National Institute of Environmental Health Sciences
P. O. Box 12233
Research Triangle Park, North Carolina 27709

Dear Dr. Fishbein:

I am sending under separate cover the samples of Aroclors you requested in your letter dated August 30.

If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

DSW 171738

304

September 1, 1971

Dr. Edward M. Harris
Division of Radiological Health
Arkansas State Department of Health
4815 West Markham Street
Little Rock, Arkansas 72201

Dear Dr. Harris:

Enclosed is a copy of Technical Bulletin O/PL 306A which you requested in your letter dated August 25.

I have also enclosed a copy of analytical methodology for polychlorinated biphenyls.

I hope you find this information useful. If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

Enclosures

DSW 171739

STLCOPCB4046365

September 1, 1971

Mr. Richard M. Fogg
Environmental Engineering
Union Camp Corporation
Franklin, Virginia 23851

Dear Mr. Fogg:

Enclosed is a copy of the analytical methodology for polychlorinated biphenyls which I offered to send you.

I hope you find this information useful. If I can be of further service please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/er

Enclosure

DSW 171740

303