

BY-LAWS

APPROVED JUNE 3 AND
SEPTEMBER 14, 1954



MANUFACTURING CHEMISTS' ASSOCIATION, INC.

FOUNDED 1872

1625 EYE STREET, NORTHWEST
WASHINGTON 6, D. C.

BY-LAWS

Approved June 3 and
September 14, 1954

Manufacturing Chemists' Association, Inc.

Founded in 1872 as "The Manufacturing Chemists' Association of the United States," an unincorporated association.

Incorporated as a membership corporation under the laws of the State of New York on June 4, 1948, as "Manufacturing Chemists' Association, Inc."

Manufacturing Chemists' Association, Inc. and Plastic Materials Manufacturers' Association, Inc., two New York corporations, were consolidated as "Manufacturing Chemists' Association, Inc." pursuant to a Certificate of Consolidation, approved June 21, 1950, by the Supreme Court of the First Judicial District of the State of New York, and filed with the Department of State on June 22, 1950.

ARTICLE I

Name

The name of this Association shall be the Manufacturing Chemists' Association, Inc.

ARTICLE II

Purpose

The purpose of the Association shall be the promotion of the interests of the chemical manufacturing industry of the United States of America.

ARTICLE III

Membership

Section 1. | **Members of Constituent Corporations**

All members of the constituent corporations in good standing at the date of consolidation shall be admitted to membership in the Association without the formal application, payment of entrance fee, and notice of election hereinafter provided.

Section 2. | **Qualifications for Membership**

Any other individual, partnership, corporation or division of a corporation, actively engaged in the operation of a chemical manufacturing plant within the United States of America, or the Dominion of Canada, and selling to others a substantial portion of the chemicals produced in such plant, is eligible to membership in the Association.

Section 3. | **Application for Membership**

Application for membership in the Association shall be made in writing on a form approved by the

Board of Directors which shall be signed by the applicant, and by two members of the Association as sponsors, and shall state: (1) (a) if the applicant is an individual: his name and address; (b) if the applicant is a partnership: the name and address of each partner; (c) if the applicant is a corporation (or a division thereof): its name, address and place of incorporation; (2) the locations of the applicant's chemical plants in the United States of America, or the Dominion of Canada; (3) the kinds of chemical products manufactured by applicant; (4) that the applicant regularly sells a substantial portion of the chemicals produced by it in the United States, or Canada, to individuals, partnerships or corporations not affiliated with applicant; and (5) that applicant accepts and agrees to abide by the Certificate of Consolidation and the By-Laws of the Association.

Section 4. | **Election of Applicants**

The Membership Committee shall consider each application for membership and submit to the Board of Directors its report on the eligibility of the applicant. After the Membership Committee shall have reported that an applicant is eligible for membership, such applicant may be elected to membership by a majority vote of the members present at any meeting of the Association at which there is a quorum, or, if thirty days' written notice has been given to all members of the Association of the applicant to be acted upon, and no objection to such applicant has been received, by a majority vote of all members of the Board of Directors. Following election to membership, notice thereof shall be mailed to the applicant by the Secretary and upon payment of the entrance fee and membership fee the applicant shall become a member of the Association.

Section 5. | **Withdrawal**

Any member may, upon payment of any unpaid obligations to the Association, withdraw from membership at any time by giving at least thirty days' advance written notice thereof to the President or the Secretary.

Section 6. | **Suspension or Expulsion**

Any member, after having been provided with a copy of the charges against him and granted a reasonable opportunity to be heard, may, by a two-thirds vote of all the members of the Board of Directors, be suspended for a limited time or expelled from membership for violation of the By-Laws or for conduct prejudicial to the best interests of the Association.

Section 7. | **Termination**

Unless expressly waived by a two-thirds vote of all the members of the Board of Directors, the membership of any member, and all rights and privileges thereof, shall immediately terminate in the event such member shall cease to meet the qualifications for membership prescribed in Section 2 of this Article. It shall be the duty of each such member to give prompt notice in writing to the President or Secretary of any change in ownership or activities affecting the qualifications for membership of such member.

ARTICLE IV

Fees

Section 1. | **Entrance Fees**

Each member-elect upon receipt of notice of election shall as a condition of membership, pay an en-

trance fee of \$100.00 in addition to the annual membership fee hereinafter provided.

Section 2. | **Annual Membership Fees**

After June 1, 1955, each member shall pay an annual membership fee as determined by the Board of Directors within such maximum and minimum limits as it shall prescribe and based upon the actual or estimated total chemical sales of the member for the preceding calendar year, provided that the annual membership fee of any member elected subsequent to December 1 of any year shall be half the amount otherwise due for that year; and provided further that administrative interpretations of the application of this Section shall be issued upon approval of the Board of Directors.

Section 3. | **Arrears**

Any member failing to pay his entrance or annual membership fee within thirty days from the time it becomes due, shall be notified by the Secretary, and if payment thereof is not made within the succeeding thirty days, such member shall be reported to the Board of Directors as in arrears, and, if so ordered by the Board, shall be dropped from membership and thereupon shall forfeit all rights and privileges of membership.

ARTICLE V

Board of Directors

Section 1. | **Functions and Powers**

The business and affairs of the Association shall be managed by a Board of Directors consisting of the Chairman of the Board, the Chairman of the Executive Committee, the President, two Vice-Pres-

idents, the Treasurer, and twenty-one (21) additional Directors. It shall be the duty of the Board of Directors to establish and direct the policies of the Association, to control its property and operations, to be responsible for the expenditure of its funds and to exercise all of the powers of the Association, except as otherwise provided by law or by these By-Laws.

Section 2. | **Eligibility**

The Directors shall be chosen from among the individual members, the partners of the partnership members and the executive officers of at least vice-presidential rank or its equivalent of the corporate members and corporate division members, provided that not more than one Director shall be chosen from any two or more members of the Association controlled by the same interests, by stock ownership or otherwise. No Director who has served a full three-year term shall be elected to a second consecutive three-year term, but may be re-elected after an interval of one year.

Section 3. | **Election**

The Directors shall be classified in respect of the time for which they shall severally hold office, by dividing them into three classes. Except in the case of vacancies as set forth under Section 4 of this Article, Directors shall be elected for a term of three years. At each Annual Meeting, the successor to the Directors of the class whose term shall expire in that year shall be elected to hold office for the term of three years and until their respective successors have been elected or appointed, except as otherwise provided in Section 4 of this Article.

Section 4. | **Vacancies**

Any vacancy among the members of the Board of Directors may be filled until the next Annual Meeting of the Association by the Board or, if not filled by the Board, by the members of the Association at a special meeting. The term "vacancy" as used in this Section shall include any directorship which is unfilled as the result of the death, resignation, removal or disqualification of a Director, or of an increase in the number of Directors occurring by amendment of these By-Laws between Annual Meetings of the Association, or of any other cause.

Section 5. | **Meetings**

The Board of Directors shall hold regular monthly meetings on such day of each month as it may determine from time to time, except in the months of July and August, and special meetings when called by the Chairman of the Board, or by the President, or by written request of three members of the Board. Meetings of the Board shall be held at such place within or without the State of New York as it may determine from time to time.

Section 6. | **Quorum**

A majority of all the members of the Board of Directors shall constitute a quorum, and when a quorum is present, except as otherwise provided by law or by these By-Laws, action may be taken by the affirmative vote of a majority of those present.

Section 7. | **Compensation of Directors**

Each Director of the Association shall serve without compensation, but may be reimbursed for reasonable expenses incurred in attending meetings of the Board.

Section 8. | Committees

Executive Committee. The Board of Directors may appoint an Executive Committee of not less than five of its own members, including the Chairman of the Board, the Chairman of the Executive Committee, and the President of the Association. The members of the Executive Committee other than the elected officials heretofore named shall serve during the pleasure of the Board. The Executive Committee shall have and may exercise between meetings of the Board such powers as the Board may delegate to it. Three members shall constitute a quorum of the Executive Committee.

Membership Committee. At its first meeting each year following the Annual Meeting of the Association, the Board of Directors shall appoint a Membership Committee consisting, among others, of three of its members, one of whom it shall designate as Chairman, whose duty it shall be to receive and pass upon each application for membership in the Association, and to report to the Board of Directors as to the eligibility for membership of each applicant.

Nominating Committee. On or before April 1 of each year the Board of Directors shall appoint a Nominating Committee consisting of not less than three of its members, one of whom it shall designate as Chairman, whose duty it shall be to nominate at the next Annual Meeting of the Association candidates for election to all elective offices of the Association and the Board of Directors.

The nominations made by this committee shall be included in the written notice of the Annual Meeting as set forth under Section 2 of Article VII of these By-Laws, and be subject to vote exercisable either in person, or by duly authorized representa-

tive, or by proxy, as set forth under Section 4 of the foregoing Article.

Other Committees. The Board of Directors may appoint such other committees with such duties and functions as it may from time to time determine.

Rules and Regulations. Each committee appointed by the Board of Directors may, unless otherwise directed by the Board, adopt such rules and regulations for the conduct of its affairs as it may deem desirable. Such rules and regulations as may be adopted shall be those that are appropriate for the conduct of the committee's affairs, consistent with the policy of the Association and subject to review and approval by the Board of Directors in those instances where the Board may deem such review and approval desirable.

Section 9. | Minutes

The Board of Directors and the Executive Committee, respectively, shall keep minutes of its proceedings and after each meeting shall transmit to the Secretary of the Association, for permanent filing among the records of the Association, a copy of the minutes of such meeting signed by the Secretary of the meeting and certified as correct by the presiding officer.

Section 10. | Special Provisions with Respect to the President and the Treasurer

Notwithstanding the other provisions of this Article V, one Director (who may be nominated and elected to serve as President of the Association) may be chosen from the public at large. There shall be no limitation of time with respect to the number of consecutive terms that such Director may serve, either as Director or as President.

Notwithstanding the other provisions of this Article V, the Secretary of the Association may, in the discretion of the Board of Directors, be designated to serve as the Treasurer of the Association, in which event the provision of Section 1 hereof whereby the Treasurer is required to be a Director shall not apply.

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ARTICLE VI

Officers

Section 1. | **Number and Election**

The Officers of the Association shall consist of a Chairman of the Board, a Chairman of the Executive Committee, a President, two Vice-Presidents, a Treasurer, and a Secretary, each of whom, except the Secretary, shall be a member of the Board of Directors. The Officers shall be elected annually at the Annual Meeting of the Association.

No person shall be eligible to the offices of Chairman of the Board, or Chairman of the Executive Committee, for more than three consecutive years. Each of the Officers shall hold office until the next Annual Meeting of the Association and until their respective successors are chosen and qualify. Vacancies among the Officers of the Association may be filled by the Board of Directors until the next Annual Meeting.

Section 2. | **The Chairman of the Board**

The Chairman of the Board shall preside at all meetings of the Board of Directors; shall be a member ex officio of all committees; shall have general supervision of the Association's affairs and business, under the direction of the Board of Directors and Executive Committee; and shall have such other

powers and duties as the Board shall from time to time prescribe.

Section 3. | **The Chairman of the Executive Committee**

The Chairman of the Executive Committee shall preside over meetings of that Committee and shall have such powers and perform such duties as may be delegated to him by the Chairman of the Board or the Board of Directors. In the absence or disability of the Chairman of the Board, he shall perform the duties and exercise the powers of the Chairman of the Board.

Section 4. | **The President**

There may be elected as President, an executive who will devote his full time to the affairs of the Association. The President, if full-time, shall not be limited with respect to the duration of his service either as President or as a member of the Board of Directors. The President, in the absence of the Chairman of the Board and the Chairman of the Executive Committee, shall preside at all meetings of the Board of Directors. He shall also perform such other duties as are incident to the office of President, or as may be designated by the Board of Directors.

Section 5. | **The Vice-Presidents**

Each Vice-President shall have such powers and perform such duties as may be delegated to him by the Chairman of the Board or the Board of Directors. In the absence or disability of the President, any Vice-President designated by the President shall perform the duties and exercise the powers of the President.

Section 6. | **The Treasurer**

The Treasurer shall be the chief financial and ac-

counting officer of the Association and shall have charge of all funds of the Association and shall cause such funds to be deposited to the credit of the Association in one or more banks designated by the Board of Directors. Such funds may be drawn only over the signature of such person or persons as may be authorized by the Board of Directors. The Treasurer may be required, at the expense of the Association, to give a bond for the faithful discharge of his duty in such amount and with such conditions as the Board of Directors may require.

Section 7. | **The Secretary**

The Secretary shall be appointed by and shall hold office during the pleasure of the Board of Directors. He shall have the custody of the books and papers and the Corporate Seal of the Association; shall keep a correct roster of all members with their last known addresses; and shall maintain a proper record of all dues, fees and contributions received which he shall transmit to the Treasurer, taking a proper receipt therefor.

The Secretary shall give notice of and attend all meetings of the Association and of the Board of Directors, and shall keep minutes of such meetings. He shall notify the Officers and Directors and members of the Association of their election, and committee members of their appointment.

In case of the absence or disability of the Secretary, the President may appoint an acting Secretary.

Notwithstanding the other provisions of this Article VI, the Secretary of the Association may, in the discretion of the Board of Directors, be designated to serve as the Treasurer of the Association in which event the provision of Section 1 hereof whereby the Treasurer is required to be a Director shall not apply.

Section 8. | **Additional Officers**

In addition to the officers above mentioned, one or more Executive Vice-Presidents, Assistant Treasurers, Assistant Secretaries and other officers and agents who need not be members of the Board of Directors, may from time to time be elected by the members of the Association or appointed by the Board of Directors, each of whom shall have such title, powers and duties as shall be prescribed.

Section 9. | **Compensation of Officers**

The Chairman of the Board, the Chairman of the Executive Committee, the Vice-Presidents and the Treasurer shall serve without compensation, but shall receive such allowance for their expenses as may be authorized by the Board of Directors. The President (if full-time), the Secretary, any officers and agents elected or appointed under Section 8 of this Article, and all other employees of the Association shall receive such compensation as may be determined by the Board of Directors.

ARTICLE VII

Meetings

Section 1. | **Annual Meeting**

The Annual Meeting of members of the Association for the election of Officers and Directors and other purposes, shall be held during the month of June each year, at such time and place, either within or without the State of New York, as may be fixed by the Board of Directors. At least fourteen days' written notice of the Annual Meeting shall be given by the Secretary to each member of the Association.

Section 2. | **Special Meetings**

A special meeting of the Association may be called

by the Chairman of the Board of Directors or the President at any time, and shall be called by the President upon the written request of ten members, to transact only such business as shall be specified in the notice thereof. At least seven days' written notice shall be given to each member of the Association of any such special meeting.

Section 3. | **Quorum**

One-third of the members of the Association in good standing, present at a meeting in person or by duly authorized representatives, or by proxy, shall constitute a quorum for the transaction of business, except as otherwise provided by law or by these By-Laws.

Section 4. | **Voting**

Each member of the Association in good standing shall be entitled to one vote only at any Annual or special meeting of the members of the Association, which shall be exercisable either in person, or by duly authorized representative, or by proxy, provided that any proxy shall be duly executed in writing within thirty days of the meeting at which it is to be used. A proxy given for any meeting shall, unless notice of revocation is delivered to the presiding officer thereof, be valid for any adjournment of that meeting.

ARTICLE VIII

Miscellaneous

Section 1. | **Fiscal Year and Budget**

The fiscal year of the Association shall be from June 1 to May 31, inclusive. The Board of Directors shall present to the members of the Association

at their Annual Meeting, a budget for the fiscal year of the Association, which budget shall have been approved by at least two-thirds of the Directors. No expenditures not provided for in such budget shall be made except upon an affirmative vote of two-thirds of the Directors.

Section 2. | **Notices and Waivers Thereof**

Whenever any notice whatever is required by these By-Laws or by law to be given to any member, Director or Officer, such notice may, except as otherwise provided by law, be given personally, or be given in writing by depositing the same in a Post Office or in a regularly maintained letter box, in a post-paid, sealed wrapper, addressed to such member, Director or Officer, at such address as appears on the records of the Association, and any notice so given by mail shall be deemed to have been given when it shall have been thus mailed. If given in writing, such notice need not be manually signed. A waiver of such notice in writing signed by such member, Director or Officer, or by his duly authorized attorney whether before or after the time stated therein, shall be deemed the equivalent thereof and the presence at any meeting of any such member, Director or Officer, shall be deemed a waiver of such notice to such member, Director or Officer.

Section 3. | **Reports**

The Board of Directors and the Officers shall render such reports at the time and in the manner required by law. Officers and committees shall render such additional reports as may be required by the Board of Directors.

ARTICLE IX

Seal

The Corporate Seal of the Association shall be as follows:



ARTICLE X

Offices

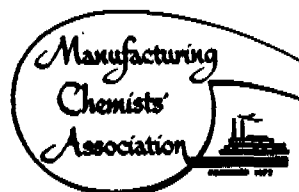
The Association shall maintain an office in the City, County and State of New York, and may maintain an office in Washington, D. C., or at such other place or places as may from time to time be authorized by the Board of Directors.

ARTICLE XI

Amendments

These By-Laws may be amended or repealed, in whole or in part, at any time at any Annual or Special Meeting of the members of the Association, by affirmative vote of two-thirds of the members present in person or by duly authorized representatives, or by proxy, provided that such proposed amendment or repeal shall have been set forth in the notice of such meeting, and may be amended at any meeting of the Board of Directors, by affirmative vote of two-thirds of all members of the Board, provided that such proposed amendment shall have been set forth in the notice of such meeting and shall not conflict with any provision of the By-Laws previously adopted by the members of the Association.

Officers • Board of Directors
Committees • Members



OCTOBER 1954

MANUFACTURING CHEMISTS' ASSOCIATION, INC.

FOUNDED 1872

WASHINGTON, D. C.

OFFICERS

Chairman of the Board

F. J. Emmerich, Allied Chemical & Dye Corporation, 61 Broadway, New York 6, N. Y.

Chairman of the Executive Committee

Charles S. Munson, Air Reduction Company, Inc., 60 E. 42nd Street, New York 17, N. Y.

President

William C. Foster, 1625 Eye Street, N. W., Washington 6, D. C.

Vice Presidents

Howard S. Bunn, Union Carbide and Carbon Corporation, 30 E. 42nd St., New York 17, N. Y.

William H. Ward, E. I. du Pont de Nemours & Co., Inc., Wilmington 98, Del.

Secretary-Treasurer

Maurice F. Crass, Jr., 1625 Eye Street, N. W., Washington 6, D. C.

STAFF

Assistant to the President	Cleveland Lane
Publications	William Chace
Publicity	George Worden
Technical Director	Frank H. Carman
Staff Counsel	John A. Gosnell
Transportation & Safety	Charles H. Mayhood
Technical Assistant	James D. Kittelton
Industrial Relations	Camille North
Assistant to the Secretary	A. I. Topping
Information Service	Marjorie V. Campbell

General Counsel

Fowler, Leva, Hawes and Symington

BOARD OF DIRECTORS

Term Expires May 31, 1955

- E. T. Asplundh, Columbia-Southern Chemical Corporation, One Gateway Center, 420 Fort Duquesne Blvd., Pittsburgh 22, Pa.
Paul L. Davies, Food Machinery & Chemical Corporation, San Jose, Calif.
F. J. Emmerich, Allied Chemical & Dye Corporation, 61 Broadway, New York 6, N. Y.
Charles S. Munson, Air Reduction Company, Inc., 60 E. 42nd Street, New York 17, N. Y.
Thomas S. Nichols, Olin Mathieson Chemical Corporation, 745 5th Ave., New York 22, N. Y.
John A. Sargent, Diamond Alkali Company, 300 Union Commerce Building, Cleveland 14, Ohio
George M. Walker, Koppers Company, Inc., Pittsburgh 19, Pa.
Rothe Weigel, Victor Chemical Works, 141 W. Jackson Boulevard, Chicago 4, Ill.
Charles E. Wilson, Grace Chemical Company, 7 Hanover Square, New York 5, N. Y.

Term Expires May 31, 1956

- V. G. Bartram, Shawinigan Chemicals Limited, 600 Dorchester St. West, Montreal, Quebec, Canada
Howard S. Bunn, Union Carbide and Carbon Corporation, 30 E. 42nd Street, New York 17, N. Y.
J. Clarke Cassidy, Niagara Alkali Company, Niagara Falls, N. Y.
Stanley Crossland, Ethyl Corporation, 100 Park Avenue, New York 17, N. Y.
J. R. Hoover, B. F. Goodrich Chemical Co., Rose Building, Cleveland 15, Ohio
J. J. Kerrigan, Merck & Co., Inc., Rahway, N. J.
Ernest W. Reid, Corn Products Refining Company, 17 Battery Place, New York 4, N. Y.
Hans Stauffer, Stauffer Chemical Company, 380 Madison Avenue, New York 17, N. Y.
J. Albert Woods, Commercial Solvents Corporation, 260 Madison Avenue, New York 16, N. Y.

Term Expires May 31, 1957

- Leland I. Doan, The Dow Chemical Company, Midland, Mich.
John Fennebresque, Celanese Corporation of America, 180 Madison Avenue, New York 16, N. Y.
Joseph Fistere, Mallinckrodt Chemical Works, St. Louis 7, Mo.
A. E. Forster, Hercules Powder Company, Inc., Wilmington 99, Del.
William C. Foster, 1625 Eye Street, N.W., Washington 6, D. C.
John L. Gillis, Monsanto Chemical Company, St. Louis 4, Mo.
R. K. Gottshall, Atlas Powder Company, Wilmington 99, Del.
R. C. McCurdy, Shell Chemical Corporation, 50 West 50th Street, New York 20, N. Y.
William H. Ward, E. I. du Pont de Nemours & Co., Inc., Wilmington 98, Del.

COMMITTEES OF THE BOARD OF DIRECTORS

Executive Committee

Charles S. Munson, Chairman, Air Reduction Company, Inc., 60 E. 42nd Street, New York 17, N. Y.
E. T. Asplundh, Columbia-Southern Chemical Corporation, One Gateway Center, 420 Fort Duquesne Blvd., Pittsburgh 22, Pa.
Howard S. Bunn, Union Carbide and Carbon Corporation, 30 E. 42nd Street, New York 17, N. Y.
Paul L. Davies, Food Machinery & Chemical Corporation, San Jose, Calif.
Leland I. Doan, The Dow Chemical Company, Midland, Mich.
F. J. Emmerich, Allied Chemical & Dye Corporation, 61 Broadway, New York 6, N. Y.
William C. Foster, 1625 Eye Street, N.W., Washington 6, D. C.
J. R. Hoover, B. F. Goodrich Chemical Co., Rose Building, Cleveland 15, Ohio
William H. Ward, E. I. du Pont de Nemours & Co., Inc., Wilmington 98, Del.

Finance Committee

William H. Ward, Chairman, E. I. du Pont de Nemours & Co., Inc., Wilmington 98, Del.
J. Clarke Cassidy, Niagara Alkali Company, Niagara Falls, N. Y.
Joseph Fistere, Mallinckrodt Chemical Works, St. Louis 7, Mo.
Carl A. Gerstacker, The Dow Chemical Company, Midland, Mich.
R. K. Gottshall, Atlas Powder Company, Wilmington 99, Del.
K. H. Hannan, Union Carbide and Carbon Corporation, 30 E. 42nd Street, New York 17, N. Y.
C. A. Kline, Jr., E. I. du Pont de Nemours & Co., Inc., Wilmington 98, Del.
L. C. Perkinson, American Cyanamid Company, 30 Rockefeller Plaza, New York 20, N. Y.

Membership Committee

J. J. Kerrigan, Chairman, Merck & Co., Inc., Rahway, N. J.
V. G. Bartram, Shawinigan Chemicals Limited, 600 Dorchester St. West, Montreal, Quebec, Canada
J. R. Hoover, B. F. Goodrich Chemical Co., Rose Building, Cleveland 15, Ohio
Theodore Marvin, Michigan Chemical Corporation, St. Louis, Mich.
Charles E. Wilson, Grace Chemical Company, 7 Hanover Square, New York 5, N. Y.
R. I. Wishnick, Witco Chemical Company, 260 Madison Avenue, New York 17, N. Y.

Program Committee

(83rd Annual Meeting — 1955 Mid-Year Meeting)

Ernest W. Reid, Chairman, Corn Products Refining Company, 17 Battery Place, New York 4, N. Y.
Stanley Crossland, Ethyl Corporation, 100 Park Avenue, New York 17, N. Y.
A. E. Forster, Hercules Powder Company, Inc., Wilmington 99, Del.

John A. Hill, Air Reduction Company, Inc., 60 E. 42nd Street, New York 17, N. Y.
John E. McKeen, Chas. Pfizer & Co., Inc., 11 Bartlett Street, Brooklyn 6, N. Y.
Hans Stauffer, Stauffer Chemical Company, 380 Madison Avenue, New York 17, N. Y.

Public Relations Policy Committee

J. Albert Woods, Chairman, Commercial Solvents Corporation, 260 Madison Avenue, New York 16, N. Y.
Lee V. Dauler, Neville Chemical Company, Pittsburgh 25, Pa.
John Fennebresque, Celanese Corporation of America, 180 Madison Avenue, New York 16, N. Y.
John L. Gillis, Monsanto Chemical Company, St. Louis 4, Mo.
R. C. McCurdy, Shell Chemical Corporation, 50 West 50th Street, New York 20, N. Y.
S. C. Moody, American Cyanamid Company, 30 Rockefeller Plaza, New York 20, N. Y.
R. B. Semple, Wyandotte Chemicals Corporation, Wyandotte, Mich.
H. S. Ferguson (ex officio), Allied Chemical & Dye Corporation, 61 Broadway, New York 6, N. Y.

**TECHNICAL AND FUNCTIONAL
COMMITTEES**

Air Pollution Abatement Committee

W. I. Burt, Chairman, B. F. Goodrich Chemical Co., Rose Building, Cleveland 15, Ohio
Walker Penfield, Vice Chairman, Pennsylvania Salt Manufacturing Co., 1000 Widener Building, Philadelphia 7, Pa.
E. M. Adams, The Dow Chemical Company, Midland, Mich.
Geo. E. Best, Mutual Chemical Company of America, Division, Allied Chemical & Dye Corporation, 1348 Block Street, Baltimore 31, Md.
C. H. Bunn, Standard Oil Development Co., P. O. Box 121, Linden, N. J.
George F. Collins, E. I. du Pont de Nemours & Co., Inc., Newark, Del.
E. W. Evans, Phillips Petroleum Company, Bartlesville, Okla.
J. M. Gillet, Victor Chemical Works, 141 W. Jackson Boulevard, Chicago 4, Ill.
Austin N. Heller, Barrett Division, Allied Chemical & Dye Corporation, 40 Rector Street, New York 6, N. Y.
W. W. Hodge, Koppers Company, Inc., Mellon Institute of Industrial Research, 4400 Fifth Avenue, Pittsburgh 13, Pa.
Dudley A. Irwin, M. D., Aluminum Company of America, 801 Gulf Building, Pittsburgh 19, Pa.
R. J. Jenny, American Cyanamid Company, Bound Brook, N. J.
A. B. Pettit, Davison Chemical Company, Division, W. R. Grace & Co., Charles & Fayette Streets, Baltimore 3, Md.
Robert F. Schultz, Hooker Electrochemical Company, Niagara Falls, N. Y.
Frank L. Seamans, Smith, Buchanan, Ingersoll, Rodewald & Eckert, 1301 Alcoa Building, Pittsburgh 19, Pa.
O. C. Thompson, Carbide and Carbon Chemicals Company, South Charleston 3, W. Va.
Elmer P. Wheeler, Monsanto Chemical Company, St. Louis 4, Mo.

Ammonium Nitrate Technical Committee

H. H. Bible, Lion Oil Company, El Dorado, Ark.
C. O. Davis, E. I. du Pont de Nemours & Co., Inc., Gibbstown, N. J.
C. P. Davis, American Cyanamid Company, 30 Rockefeller Plaza, New York 20, N. Y.
E. W. Evans, Phillips Petroleum Company, Bartlesville, Okla.
R. Hendricks, The Consolidated Mining and Smelting Company of Canada Limited, P. O. Box 300, Place D'Armes, Montreal 1, Canada
G. M. Jenkins, Spencer Chemical Company, 610 Dwight Building, Kansas City 5, Mo.
R. M. Jones, Nitrogen Division, Allied Chemical & Dye Corporation, 40 Rector Street, New York 6, N. Y.
J. T. Moore, Hercules Powder Company, Inc., Wilmington 99, Del.
L. S. Stengel, Commercial Solvents Corporation, Terre Haute, Ind.

Associates

H. A. Campbell, Bureau of Explosives, 30 Vesey Street, New York 7, N. Y.
W. G. McKenna, Bureau of Explosives, P. O. Box 68, South Amboy, N. J.

Chemicals in Foods Committee

Paul Logue, Chairman, Monsanto Chemical Company, Inorganic Chemicals Division, 710 N. 12th Blvd., St. Louis 1, Mo.
T. R. Aalto, Heyden Chemical Corporation, 342 Madison Avenue, New York 17, N. Y.
Fred Bartenstein, Merck & Co., Inc., Rahway, N. J.
Lawrence Coleman, Allied Chemical & Dye Corporation, 61 Broadway, New York 6, N. Y.
J. H. Foulger, M.D., E. I. du Pont de Nemours & Co., Inc., Wilmington 98, Del.
J. M. Gillet, Victor Chemical Works, 141 W. Jackson Boulevard, Chicago 4, Ill.
S. J. Hill, E. I. du Pont de Nemours & Co., Inc., Wilmington 98, Del.
Paul D. V. Manning, International Minerals & Chemical Corporation, 20 N. Wacker Drive, Chicago 6, Ill.
Wilbur Miller, American Cyanamid Company, Pearl River, N. Y.
K. E. Mulford, Atlas Powder Company, Wilmington 99, Del.
Ernest W. Reid, Corn Products Refining Company, 17 Battery Place, New York 4, N. Y.
J. Philip Smith, Chas. Pfizer & Co., Inc., 11 Bartlett Street, Brooklyn 6, N. Y.
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 INTERCHEMICAL CORPORATION, 67 W. 44th Street, New York 18, N. Y.
 INTERNATIONAL MINERALS & CHEMICAL CORPORATION, 20 N. Wacker Drive, Chicago 6, Ill.
 JEFFERSON CHEMICAL COMPANY, INC., 260 Madison Avenue, New York 16, N. Y.
 KOPPERS COMPANY, INC., CHEMICAL AND TAR DIVISIONS, Pittsburgh 19, Pa.
 LION OIL COMPANY, El Dorado, Ark.
 THE LUBRIZOL CORPORATION, Box 3057, Euclid Station, Cleveland 17, Ohio
 LUCIDOL DIVISION, WALLACE & TIERNAN INCORPORATED, 1740 Military Road, Buffalo 5, N. Y.
 MALLINCKRODT CHEMICAL WORKS, St. Louis 7, Mo.
 THE MARBLETTE CORPORATION, 37-21 Thirtieth Street, Long Island City 1, N. Y.
 MERCK & CO., INC., Rahway, N. J.
 METAL & THERMIT CORPORATION, 100 East 42nd Street, New York 17, N. Y.
 METALSALTS CORPORATION, 200 Wagaraw Road, Hawthorne, N. J.
 MICHIGAN CHEMICAL CORPORATION, St. Louis, Mich.
 MONSANTO CHEMICAL COMPANY, St. Louis 4, Mo.
 MORTON-WITHERS CHEMICAL COMPANY, 2110 High Point Road, P. O. Box 1618, Greensboro, N. C.
 NATIONAL DISTILLERS PRODUCTS CORPORATION, 99 Park Avenue, New York 16, N. Y.
 National Distillers Chemical Co., Division, State Road, Ashtabula, Ohio
 National Petro-Chemicals Corp., Division, 99 Park Avenue, New York 16, N. Y.
 U. S. Industrial Chemicals Co., Division, 99 Park Avenue, New York 16, N. Y.
 NATIONAL LEAD COMPANY, 111 Broadway, New York 6, N. Y.
 NATIONAL STARCH PRODUCTS, INC., 270 Madison Avenue, New York 16, N. Y.
 NEVILLE CHEMICAL COMPANY, Pittsburgh 25, Pa.
 THE NEW YORK QUININE AND CHEMICAL WORKS, INC., 50 Church Street, New York 7, N. Y.
 NIAGARA ALKALI COMPANY, 60 E. 42nd Street, New York 17, N. Y.
 NIXON NITRATION WORKS, Nixon, N. J.
 OLDBURY ELECTROCHEMICAL COMPANY, Niagara Falls, N. Y.

OLIN MATHIESON CHEMICAL CORPORATION, 745 5th Ave., New York 22, N. Y.
 ORONITE CHEMICAL COMPANY, 200 Bush Street, San Francisco 20, Calif.
 PACIFIC COAST BORAX CO. (Division of Borax Consolidated, Ltd.) 100 Park Avenue, New York 17, N. Y.
 PATENT CHEMICALS, INC., 335 McLean Boulevard, Paterson 4, N. J.
 PENNSYLVANIA SALT MANUFACTURING CO., 1000 Widener Building, Philadelphia 7, Pa.
 CHAS. PFIZER & CO., INC., 11 Bartlett Street, Brooklyn 6, N. Y.
 PHELPS DODGE REFINING CORPORATION, 40 Wall Street, New York 5, N. Y.
 PHILADELPHIA QUARTZ COMPANY, Public Ledger Building, Independence Square, Philadelphia 6, Pa.
 PHILLIPS PETROLEUM COMPANY (PHILLIPS CHEMICAL COMPANY), Bartlesville, Okla.
 PITTSBURGH COKE & CHEMICAL COMPANY, P. O. Box 1645, Pittsburgh 30, Pa.
 THE PROCTER & GAMBLE COMPANY, M. A. & R. Building, Ivorydale, Cincinnati 17, Ohio
 PRODUCTOL COMPANY, 417 South Hill Street, Los Angeles 13, Calif.
 PUBLICKER INDUSTRIES INC., 1429 Walnut Street, Philadelphia 2, Pa.
 REICHHOLD CHEMICALS, INC., 630 Fifth Avenue, New York 20, N. Y.
 REILLY TAR & CHEMICAL CORPORATION, 1615 Merchants Bank Building, Indianapolis 4, Ind.
 RINGWOOD CHEMICAL CORPORATION, Ringwood, Ill.
 ROHM & HAAS COMPANY, Washington Square, Philadelphia 5, Pa.
 ROYCE CHEMICAL COMPANY, Carlton Hill, New Jersey
 F. S. ROYSTER GUANO COMPANY, Norfolk, Va.
 RUMFORD CHEMICAL WORKS, Rumford 16, R. I.
 SHAWINIGAN CHEMICALS LIMITED, 600 Dorchester St. West, Montreal, Quebec, Canada
 SHELL CHEMICAL CORPORATION, 50 W. 50th Street, New York 20, N. Y.
 SINCLAIR CHEMICALS, INC., Sinclair Oil Building, 600 Fifth Avenue, New York 20, N. Y.
 SPENCER CHEMICAL COMPANY, 610 Dwight Building, Kansas City 5, Mo.
 STANOLIND OIL & GAS COMPANY, Stanolind Building, Tulsa, Okla.
 STAUFFER CHEMICAL COMPANY, 380 Madison Avenue, New York 17, N. Y.
 THE STEPAN CHEMICAL COMPANY, 20 North Wacker Drive, Chicago 6, Ill.
 SUN OIL COMPANY, 1600 Walnut Street, Philadelphia 3, Pa.
 SUNKIST GROWERS, INC., Ontario, Calif.
 TENNESSEE COPPER COMPANY, 61 Broadway, New York 6, N. Y.
 TEXAS GULF SULPHUR COMPANY (INCORPORATED), 75 E. 45th Street, New York 17, N. Y.
 THIOKOL CHEMICAL CORPORATION, 780 North Clinton Avenue, Trenton 7, N. J.
 UNION CARBIDE AND CARBON CORPORATION, 30 East 42nd Street, New York 17, N. Y.

UNITED STATES RUBBER COMPANY, 1230 Avenue of the Americas, New York 20, N. Y.

UNITED STATES STEEL CORPORATION, 525 William Penn Place, Pittsburgh 30, Pa.

THE UNITED STATES STONEWARE COMPANY, 60 East 42nd Street, New York 17, N. Y.

R. T. VANDERBILT COMPANY, 230 Park Avenue, New York 17, N. Y.

VELSICOL CORPORATION, 330 E. Grand Avenue, Chicago 11, Ill.

VICTOR CHEMICAL WORKS, 141 W. Jackson Boulevard, Chicago 4, Ill.

VIRGINIA SMELTING COMPANY, 131 State Street, Boston 4, Mass.

THE VISKING CORPORATION, 6733 W. 65th Street, Chicago 38, Ill.

WESTERN ELECTROCHEMICAL COMPANY, 9036 Culver Boulevard, Culver City, Calif.

WITCO CHEMICAL COMPANY, 260 Madison Avenue, New York 17, N. Y.

JACQUES WOLF & CO., Passaic, N. J.

WYANDOTTE CHEMICALS CORPORATION, Wyandotte, Mich.