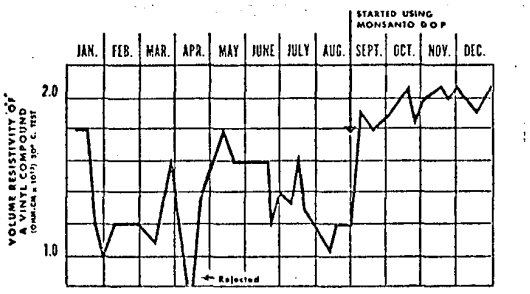
for your information...

brief summaries of helpful product news

MONSANTO DOP MAKES TOP-QUALITY EXTRUDED WIRE COMPOUND



Test showing variation of volume resistivity with time.
Note change when Monsanto became supplier.

Monsanto DOP imparts consistent high quality electrical characteristics to vinyl wire and cable compounds

The above chart is a case history of how one supplier of compound for T and TW household wire coating was able to increase the volume resistivity of his compound and make it more uniform by using Monsanto DOP. In addition, he found Monsanto DOP superior with red pigments which have the greatest degrading effect on electrical properties.

Evaluated in the compound—the place where it is most important—Monsanto DOP can't be topped for consistently high uniformity and quality. This manufacturer found that out by trying it. Why don't you?

Other Monsanto plasticizers worth trying include such products as dibutyl phthalate, tricresyl phosphate and many similar compounds. You will find a wide variety of all kinds of plasticizers available for prompt shipment from Monsanto.

For full information on how Monsanto plasticizers can help you, check the coupon today.

From Perfumes to Resins Intermediates Aid Industry



Among the many intermediates produced by Monsanto are benzoic acid, toluene sulfonic acid, benzyl chloride, and ortho-nitrochlorobenzene.

All of these compounds are valuable to the chemical industry because of their versatility and high purity. Each step of their manufacture and shipment is carefully designed to keep quality uniform and at a high level. As a result all of these compounds are used in a wide number of applications.

Toluene sulfonic acid is gaining wider usage as a catalyst in the manufacture of phenolic resins, and in other products.

Benzyl chloride, another Monsanto intermediate, is used in the synthesis of perfume bases, pharmaceuticals, dyestuffs, plasticizers, quaternary ammonium compounds, and rubber accelerators.

The fourth intermediate, Monsanto ortho-nitrochlorobenzene, is important in dyes, medicinals, flavors and mildewing agents.

Regardless of use, you can rely on all these intermediates as living up fully to Monsanto's high quality standards. For pricing and shipping information on these compounds send in the coupon.

Monsanto's Acetophenetidin Available in Coarse Powder

Because acetophenetidin is used in a wide variety of formulations, Monsanto has now made available a coarse powder in addition to the standard fine powder.

In certain applications this coarse form will be more acceptable because of its free flowing characteristics. The mesh specifications are as follows:

Screen Test:

Fine Powder % Retained	
70 Mesh	0.5% Max.
100 Mesh	5.0% Max.

Coarse Powder % Retained	
70 Mesh	12% Max.
100 Mesh	10 to 30
200 Mesh	30 to 65
325 Mesh	45 to 80

For prices and shipping information on either form, send in the coupon.

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Literature Describes Two Products for Weed Control

New literature on weed control with Monsanto Santobrite* and Santophen* 20 has just been published by Monsanto.

A compact little booklet on these two products contains a wealth of practical formulation information. Clear, step-by-step instructions are given on typical oil-in-water emulsions and straight oil solutions. The physical and chemical properties of both Santobrite and Santophen 20 are described and a table of rates of application given. Technical Bulletin O-91 discusses pre-emergence weed control with Santobrite.

Order your copies now by mailing the coupon.

Rubber-Base Coatings Improved by Using Aroclors



Because of their exceptional toughness and weather resistance, chlorinated rubber-base coatings are now being used more and more for highway traffic markings.

If you formulate paints you will find the addition of a chlorinated rubber-base coating to your line well worth while. These formulations are also outstanding as protective coatings for concrete structures, stucco walls, marine equipment, steel structures and many other applications of this type.

Monsanto's chlorinated biphenyl and polyphenyls, called Aroclors,* are highly effective in such coatings. Aroclor 1254, for example, is a valuable plasticizer, while another Aroclor, 5460, acts as a fortifier imparting greater resistance to corrosion, alkalies, chemicals and weather.

Detergency Evaluation Covered by New Report



A recent paper in the Journal of the American Oil Chemists' Society gives a comprehensive and valuable review of numerous methods of detergency evaluation.

Written by Jay C. Harris of the Central Research Department of Monsanto, the article discusses detergency evaluation under four major headings: Hard Surface Coating, Textile Operations, Garment Cleaning, and Laboratory Evaluation.

In the section on Hard Surface Coating, Mr. Harris covers salient points and references on cleaning painted surfaces, metal surfaces, asphalt tile and glass washing.

In the sections on Textile Operations and Garment Cleaning, important methods in both fields are discussed. Mr. Harris describes work in power laundries and in home laundries.

The author then goes into a well-organized discussion of laboratory evaluation. In this part of his paper Mr. Harris divides evaluation into wool washing and cotton washing.

In the next section of his discussion on laboratory evaluation, the author takes up the question of soil. According to Mr. Harris, several factors must be considered in the selection of the soiling agent to make it entirely suitable:

(a) It must act as a means to provide quantitative measurement of soil retention or removal.

(b) It may or may not be completely removed.

(c) It should permit reproducibility of preparation of the fabric and washing results.

The remainder of the report mentions sources of standard soil, describes machines for washing and discusses various test methods.

For reprints of this informative article use the coupon, today.

Technical Bulletin Issued On Phenylcyclohexane And Bicyclohexyl Compounds

A new technical bulletin has just been published by Monsanto on phenylcyclohexane (cyclohexylbenzene) and bicyclohexyl (dicyclohexyl).

This bulletin describes useful and important facts on these compounds in a clear and concise manner. These include physical properties, compatibility, solubility, chemical properties. A useful bibliography is also included. To receive your copy, send in the coupon.

*Reg. U. S. Pat. Off.

MONSANTO CHEMICAL COMPANY 4-53
1701 South Second Street, St. Louis 4, Missouri

Please send pricing and shipping information on: ☐ Intermediates ☐ Acetophenetidin

Please send: ☐ DOP information ☐ Reprint entitled "Detergency Evaluation"
☐ Technical Bulletin P-110 on Phenylcyclohexane and Bicyclohexyl
☐ Booklet on formulating Santobrite and Santophen 20
☐ Technical Bulletin O-91 on Santobrite

Name ..... Title .....
Company .....
Street .....
City ..... Zone ..... State .....

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