Phenylacetic acid and derivatives worth investigating

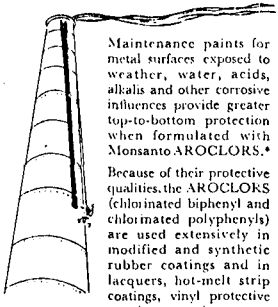
Monsanto produces phenylacetic acid and derivatives which have possibilities for the research chemist. These chemicals are believed to have many undiscovered uses. They have indicated uses as intermediates for pharmaceuticals (antispasmotics, sedatives, antiseptics, anticoagulants); for perfumes; for insect repellents.

Phenylacetic acid is a versatile aralkyl acid with a reactive methylene group.

Derivatives made by Monsanto include: Phenylacetonitrile, phenylacetamide, beta-phenylethylamine, potassium phenylacetate, methyl-phenylacetate, N-ethanolphenylacetamide, N-methylphenylacetamide.

If you wish to conduct experiments with any of these chemicals, samples will be sent to you without obligation. Contact the nearest Monsanto Sales Office or mail the coupon for prompt response.

FOR METAL SURFACES
top-to-bottom protection



Maintenance paints for metal surfaces exposed to weather, water, acids, alkalis and other corrosive influences provide greater top-to-bottom protection when formulated with Monsanto AROCLORS.*

Because of their protective qualities, the AROCLORS (chlorinated biphenyl and chlorinated polyphenyls) are used extensively in modified and synthetic rubber coatings and in lacquers, hot-melt strip coatings, vinyl protective coatings, *maintenance* paints, fire-resistant coatings, wood-sealer formulations and marine paints.

For technical information, write Monsanto . . . Please state uses to which you wish to put the AROCLORS.

5 reasons for SANTOMERSE No. 1

To formulators of cleaning compounds, Santomerse* No. 1 offers numerous advantages in addition to its well-known effectiveness as an all-purpose detergent and wetting agent.

CONTROLLED DENSITY—Manufactured in three densities . . . gives you bulking to suit your products and markets.

COMPATIBILITY—Santomerse No. 1 is compatible with other detergents and builders.

EASY BLENDING—Available in flakes or granules, giving you a selection to blend readily with other ingredients without stratifying.

PROTECTED QUALITY—Santomerse No. 1 is shipped in wax-lined drums to protect quality in transit and storage.

PROMPT SERVICE—Santomerse No. 1 . . . warehoused in 13 cities, coast to coast . . . will be shipped promptly from a point near you.



LOOK INTO THIS

There's a new Monsanto high-molecular-weight alcohol ester—AE-1—that has definite use possibilities in industrial processing. Among its present and suggested applications, the following may be of interest to you:

Defoamer in producing ethyl alcohol from molasses . . . defoamer in producing glycerol from fats . . . foam control in the manufacture of yeast and other fermentations . . . elimination of foam in certain bottle-washing operations . . . solving foam problem in polystyrene latex water dispersions . . . lubricant for vinyls that are extruded or calendered . . . coplasticizer for rubber hydrochloride and chlorinated rubber.

For more information—also samples—contact Monsanto. Write for Technical Bulletin P-140.

PLASTICIZER
HB-40
OK for vinyls

OK and available now in drum or carload lots, Monsanto HB-40 will help you lower your vinyl production costs without any sacrifice in quality. The price is 17¢ per pound in less than carloads—lower in larger quantities. A partially hydrogenated terphenyl, HB-40 is used as a coplasticizer, or as an extender for primary plasticizers in vinyl extrusions, vinyl pastes, vinyl slush moldings, vinyl calendering.

For full information on physical properties, application and use of HB-40, get Technical Bulletin P-104.

• • • • • • • • •

MONSANTO CHEMICAL COMPANY, 1700 S. Second Street, St. Louis 4, Missouri. District Sales Offices: Birmingham, Boston, Charlotte, Chicago, Cincinnati, Cleveland, Detroit, Los Angeles, New York, Philadelphia, Portland, Ore., San Francisco, Seattle. In Canada, Monsanto Canada Limited, Montreal.

*Reg. U. S. Pat. Off.

MONSANTO

SERVING INDUSTRY . . . WHICH SERVES MANKIND

SEND INFORMATION:
☐ Soil Conditioner. ☐ Santomerse No. 1. ☐ Metal Surface Protection.

SEND LITERATURE:
☐ Emulsifiers. ☐ Defoaming Agent. ☐ Plasticizer Extender (HB-40).

SEND SAMPLES:
☐ Phenylacetonitrile. ☐ Phenylacetamide. ☐ beta-Phenylethylamine. ☐ Potassium Phenylacetate.
☐ Phenylacetic Acid. ☐ Methyl-Phenylacetate. ☐ N-ethanolphenylacetamide. ☐ N-methylphenylacetamide.
☐ Defoaming Agent AE-1. ☐ HB-40

MONSANTO CHEMICAL COMPANY
1700 South Second Street, St. Louis 4, Missouri

Please send, without cost or obligation, information, samples or literature as indicated at the left.

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

TOWOLDMON0048114
WATER_PCB-00035333