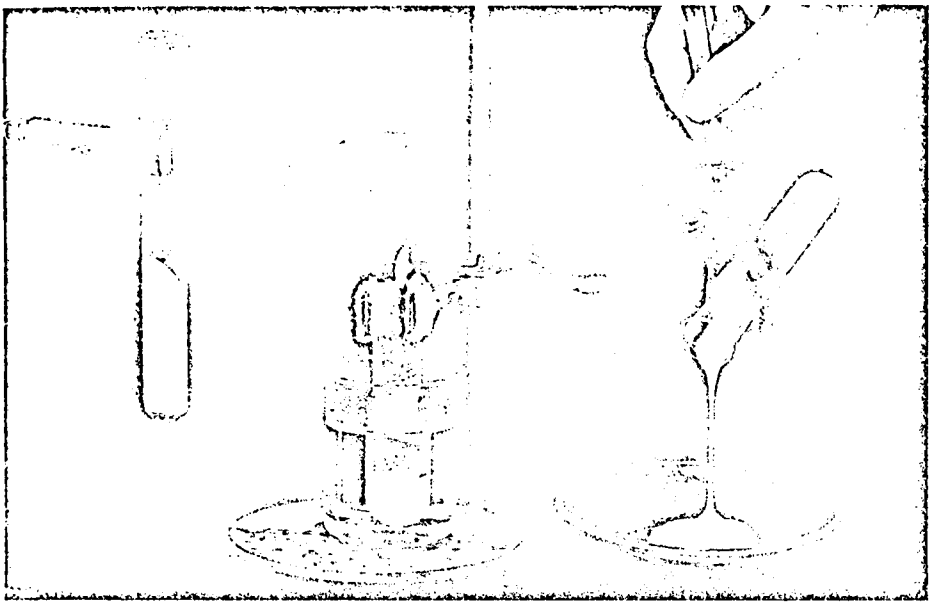
For compounders with imagination...

# 12 VERSATILE MONSANTO SOLID PLASTICIZERS



## Unique physical advantage:

**1.** Solid at room temperature **2.** Liquid solvating-plasticizer at processing temperatures **3.** Solid again for outstanding end-use properties

**Monsanto solid plasticizers can do so many jobs so well for you**—can be one of your most valuable compounding aids. In compatible systems, Monsanto solid plasticizers can impart many of the product benefits you want: sharp melting point, easier processing or melt viscosity, heat sealability, low volatility and migration, higher tensile and tear strength, excellent adhesion, lower cost.

**At common processing temperatures,** they melt and function as solvent-plasticizers . . . make possible higher solids content in adhesives, lacquers, paper and textile coatings—improve flow, leveling, "hot-tackiness" and nonblocking characteristics—aid in wetting fillers, speed fusion of resin binders, boost adhesion of film formers—give easier calendering, extrusion, molding, laminating and postforming properties to rigid products.

**Applications? Here are a few** which benefit from Monsanto solid plasticizers: heat-sealing coatings; rigid vinyl extrusions, moldings and foams; "break-away" stunt glass; phenolic brake band linings, surface coatings and composition wallboard; melamine coating and laminating resins; urea molding compounds; fire-resistant cellulose acetate sheets; crystallizing lacquers and other specialty coatings; polyamide, vinyl and other hot melts; delayed-tack adhesives, bookbinding adhesives and others.

**Check the Melting Points of Monsanto Solid Plasticizers**

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| Triphenyl Phosphate | 49° C. | Santowax R | 60-145° C. |
| Dicyclohexyl Phthalate | 64° C. | Aroclor 5460 | 100-105° C. |
| Santolite MHP | 65° C. | Aroclor 1268 | 135-160° C. |
| Diphenyl Phthalate | 69° C. | Montar 9 | 130-160° C. |
| Santicizer 1-H | 87° C. | Montar 4 | 140-200° C. |
| Santicizer 9 | 105° C. | Montar 5 | 180-250° C. |

Chances are, one of Monsanto's solid plasticizers is compatible with the resins you are using—can materially improve your processing or product properties *now*. Write today for more information in the *new brochure*, "How you can benefit from Monsanto solid plasticizers."

MONSANTO CHEMICAL COMPANY
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*Aroclor, Montar, Santicizer, Santolite, Santowax: Monsanto T.M.'s, Reg. U. S. Pat. Off.*

WHERE CREATIVE CHEMISTRY WORKS WONDERS FOR YOU



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