

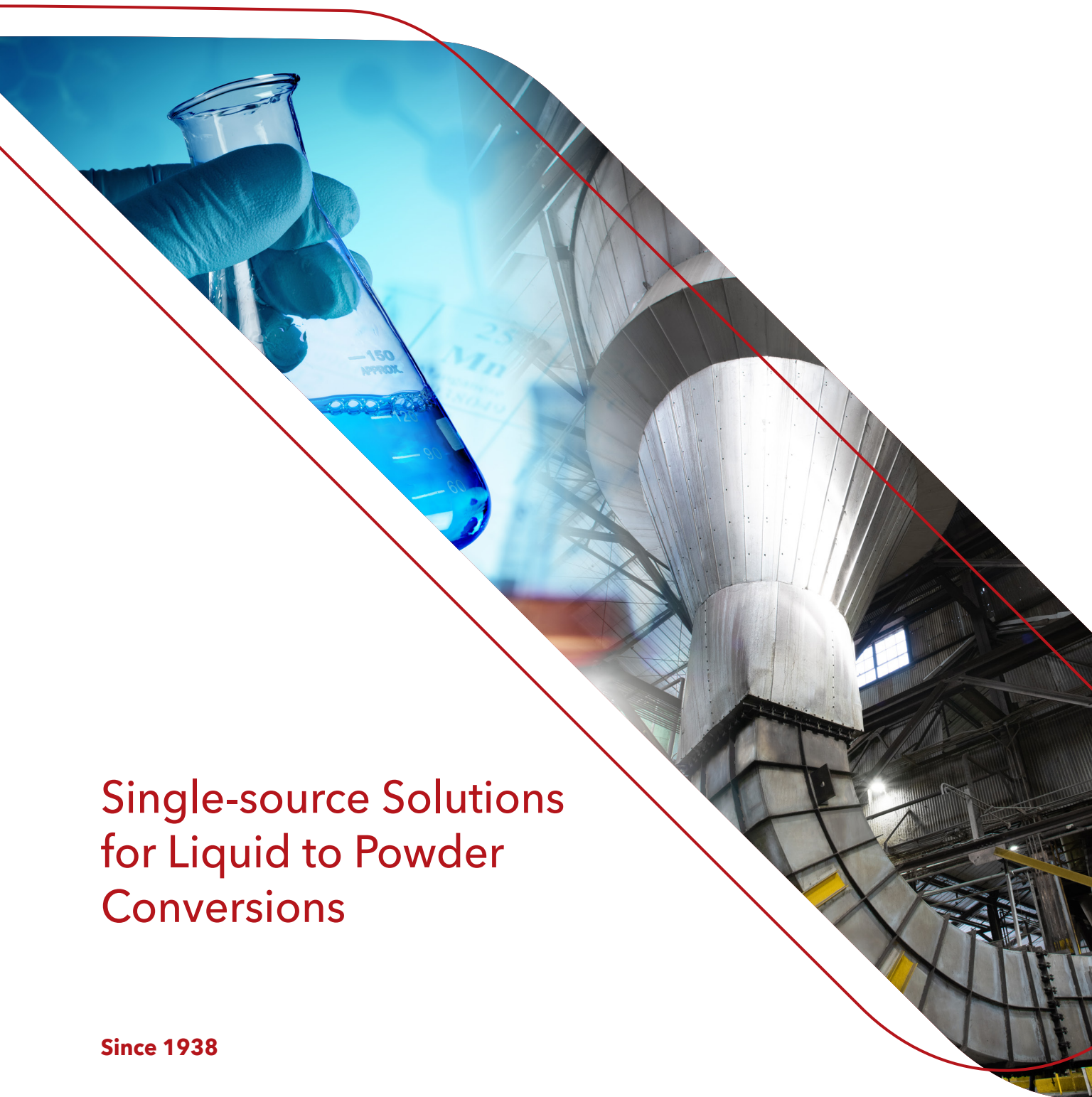
DRUM DRYING

SPRAY DRYING

POLYMER REACTIONS



VALENTINE CHEMICALS



Single-source Solutions
for Liquid to Powder
Conversions

Since 1938



Valentine Chemicals is a custom chemical manufacturer that helps companies increase their profitability through the support of our specialized services. As an established toll manufacturer, we serve a diverse range of industries by delivering reliable results that meet our varied customer's expectations.

Our roots are in agriculture. Since 1938, we developed products using sugar cane by-products. In the 1940s we developed molding compounds and Valite™, a phenolic resin. In 1955 the world's first bagasse to paper mill. We began contract toll manufacturing in 1989, added four drum drying plants in 1993.

- 1938** R&D on products from sugarcane bagasse
- 1943** Began producing record material from bagasse for RCA
- 1953** Designed and built world's first bagasse based paper mill
- 1960** Developed Valite phenol-formaldehyde resins & compounds
- 1975** Built a p-f resin extruder plant
- 1985** Built a 28ft diameter spray dryer for p-f resins
- 1990** Began toll manufacturing for Georgia Pacific Resins, Inc.
- 1996** Sold Valite to a competitor
- 2000** Added another spray dryer plant
- 2003** 1st Drum Dryer
- 2010** 5th Drum Dryer
- 2018** Began polymer reactions & drying them for our customers
- 2022** Broadened polymer reaction
- 2023** Adding temperature controlled storage

Our Capabilities



DRUM DRYING



SPRAY DRYING



POLYMER REACTIONS

Valentine Chemicals has been trusted for our industry expertise, accuracy, efficiency, and responsiveness. Our processes and committed attitude provide clients with high-capacity manufacturing services and prompt turnarounds to get their products to the market efficiently. We value the partnerships we form with our customers and look forward to serving your organization as well.

A History of Stability

Our entire team of experienced professionals is available to assist you every step of the way to bring your product to market. Your custom formulations and blends are mixed in-house and to your exact specifications.

Custom Chemical Manufacturing for:



Water Treatment

As a leading custom manufacturer of water treatment chemicals ensuring that our customers receive the highest quality products for their global operations at competitive prices and on-time delivery.

Oil & Gas

Valentine Chemicals has wide experience in polymer production related to oil & gas drilling and completions to meet the highest industry standards.



Personal Care

Valentine Chemicals has wide experience in polymer production related to personal care ingredients to meet the highest standards. We help formulators add unique properties to define their personal care product lines.

Agriculture

Valentine Chemicals had its beginnings making agricultural products. We continue to make agricultural products to the highest standards.



Processes

With over 80 years of innovation and established chemical processing, Valentine's core competency is drying organic aqueous liquids and slurries using spraying and double drum drying methods.

Drum Drying

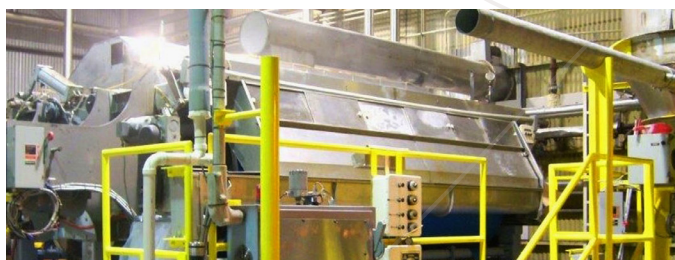
Valentine Chemicals is the largest contract drum drying facility in the United States, drying a wide variety of water borne solutions. With five (5) of the largest production drum dryers and two (2) pilot drum dryers we have the capacity to drum dry over 200,000 lbs per day of liquids.

Spray Drying

Valentine Chemicals operates one of the largest contract spray drying facilities in the United States, drying a wide variety of water borne solutions. With one of the largest production spray dryers in the industry along with a smaller production spray dryer we have the capacity to spray dry over 50,000 lbs per day of liquids

Polymer Reactions

In 2018 Valentine Chemicals added oil & gas cementing polymer reactions to its core capability and since then has reacted nearly 100 million lbs of polyacrylamides. The plant is set up as a batch operation for closed vessel vacuum distillation to draw out reflux in stages. Quality assurance is located adjacent to our laboratory for ongoing monitoring.



All of our reactors are agitated, steam-heated, and water-cooled, served by dual liquid-ring vacuum systems; three reactors have over-head condensers and two of those have internal cooling/heating coils.



Custom Drying Specializations

Valentine Chemicals dries a wide variety of water borne liquid solutions and slurries for Oil & Gas, Construction, Agriculture, Paper, and Personal Care industries.

The majority of raw material received at Valentine Chemicals is a semi-liquid organic material which needs to be dried or may need grinding, blending, or agitating. We dry an array of chemical types for customers in the oilfield, industrial chemicals, agriculture, feed and construction industrial into powders or granules for many applications such as pharmaceuticals, biological materials, foods, detergents, woods, minerals, waste water systems, and industrial wastes.

Blending and Packaging

- Ribbon Blender
- Hammer Mills
- Packaging in bag, drums, or supersacks
- Special packaging
- Private labeling blending
- SS storage tanks for 50 truckloads of liquid

Support Services

- Liquid reactions and blending
- QC Laboratory
- Developmental Lab and Piloting
- Powder blending
- Packaging (bags and supersacks)
- Warehousing





Valentine Chemicals' Manufacturing Campus

The breadth and flexibility of our 10-acre site and multi-complex facility in Lockport, Louisiana is an advantage to our customers as we take them through a seamless process using facilities and equipment designed for each specific process.

Our plant site has over 80,000 square feet of dedicated warehouse space including 5,000 square feet of cold room storage with pallet racks. Interconnecting concrete roadways allow fork trucks to safely and quickly move products in and out of our loading dock.

Minutes from the Mississippi River chemical corridor, our location provides ample supply and cost savings to our customers. The campus has access to water, rail, highway and interstate transportation to handle a variety of deliveries.



Let's Start a Conversation

Valentine Chemicals is here to answer your questions, learn about your goals, and discuss the solutions that will deliver the best results. Our team is ready to take your call and produce great results for your company.

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