



# Toll Spray Drying

## WE HAVE OVER 40 YEARS OF SPRAY DRYING EXPERIENCE

- Glasses
- Biocides
- Mold powders
- Polymers
- Ceramics
- Catalysts
- Detergents
- Minerals
- Fungicides
- Dyes
- Metallic Powders
- Agricultural Products

## EQUIPMENT AND CAPACITY

- Two 22 ft diameter APV Anhydro spray dryer units
- Water evaporation rate of 2640 lbs per hour
- Maximum inlet temperature of 800°F
- Cyclone and baghouse fine particle separation technology
- Co-current and mixed flow drying capability
- 6 ft diameter lab unit for pre-production testing

## FACILITY

- Large volume screening capabilities
- High and low shear agitation
- 42,000 gallon holding capacity
- 33 to 12,000 gallon mixing and feed tanks
- Large warehousing capacity
- Raw materials accepted in tankers, drums, bulk bags, etc.
- Hazardous material handling experience
- In-process and post-process rental equipment available
- Complete wastewater management system for separation of solids and pH adjustment

## ATOMIZATION

- Single to multiple high pressure nozzles
- Two fluid nozzle
- Variable speed centrifugal wheel

## PRODUCT ANALYSIS AND TESTING

- Quality and in-process product analysis including sieve, free moisture, viscosity, pH, and bulk density
- Wet or dry laser particle size analysis
- Moisture analyzers
- Helium pycnometer

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