



ChemBlend of America
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Mission Statement

ChemBlend of America strives to be a high quality, custom manufacturer. We provide technological expertise with vast production capabilities to offer our customers a wide range of opportunities to expand and improve their business. We treat all suppliers and customers with the highest level of discretion and confidentiality.



Plant and Personnel History

- The plant was built in the 1960s by Union Carbide. Over the years it has been owned and operated by ink, metal coatings, industrial coatings, resins and custom manufacturing companies.
- Our plant manager's background lies in the metal pre-treatment and custom manufacturing business.
- Our head chemist's background lies in ink and polymer chemistry, as well as custom manufacturing.



Ribbon Blender



- Used for dry blending or drumming.
- There are 2 units on site.
- Filled using supersacks.
- Ribbons grind-up any caked product.
- Drums filled on a scale.

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Indoor Bulk Tanks #1 and #2

- 6000 Gallon Storage Tanks.
- 3/16" Stainless Steel
- For storing non-flamables/combustables, such as chlor/alkali, acids, glycols, or surfactants.
- Planned storage for PG?



Indoor Bulk Tank Farm (Freezable Storage)

- One 6,000 gallon fiberglass.
- One 5,000 gallon blue polyethylene.
- One 4,000 gallon stainless Steel.
- Two 2,500 gallon glass lined.



Blending Kettles (From Left to Right)

- Tank 1 – 3:
 - 1,000g stainless steel cold blend mixers with nitrogen blanket. Air Operated, variable speed blades.
- Tank 4:
 - 1000g stainless steel mixer with inside steam coil up to 330°F and nitrogen blanket. Air Operated, variable speed blades.
- Tank 5:
 - 4,500g steam-jacketed, dimpled steel mixer. 330°F maximum temperature. No nitrogen at present, but possible if needed.



Finished Goods Tank, Blending & Wax Kettle

(From Left to Right)

- ◎ Tank 1:
 - 4,500g poly holding tank. Meant for non-flammable finished goods.
- ◎ Tank 2:
 - 1,500g stainless steel dimpled mixer. 330°F maximum temperature. Currently no nitrogen blanket, but possible.
- ◎ Tank 3:
 - (Double-Stacked) 330g carbon steel, hot wax melt tank. 330°F maximum temperature steam coils. Air operated variable speed blade. Used mostly for wire-drawing compounds.



Flammable Room (Part 1)

- 250g steam-jacketed, stainless steel mixed. Used for samples or small batches. 330°F maximum temperature, with air-powered, variable speed blade.
- 25g sample mixer, with same characteristics as above.
- 1,500g polyethylene mixing tank. Designed for acid blending, equipped with wet scrub filter for fumes.



Flammable Room (Part 2)

- Two 1,200 gallon stainless steel, explosion proof mixing tanks. Hot water jacketed, with a maximum temperature of 150°F. Electric, single speed blade.
- Room wiring is hard-piped, with blow-out skylights and roof.



Dispersion Units



- Variable speed, four-blade, 220 gallon disperser. Low pressure steam capable (up to 200°F). Four blades include side-wall sweep, auger, shredder, and conventional blade.
- Variable speed, single blade, 110 gallon disperser. No steam capabilities.



Bulk Tank Meter System

- All indoor and outdoor bulk tanks are fully metered for both inbound and outbound material.
- Extremely accurate readings for shipping “short bulk” or “batch size” bulk shipments.



Outdoor Tank Farm (Non-Freezable Storage)

- Four 6,000 gallon storage tanks, with nitrogen blanket.
- Two 8,000 gallon storage tanks, with nitrogen blanket.
- Indoor control room for tank monitoring.



Warehouse

- Storage for 45 truckloads of packaged goods.
- Rack systems are equipped with full sprinkler system (foam and water).
- Custom labeling system and shrink-wrapping.
- 10 drum heat-box, for warming drums up to 130+°F.
- 4 bays for loading or offloading trucks.
- Two car rail spur.



Laboratory Services

- Full service quality control lab, with the ability to test for customer required specifications on finish goods or raw materials. Retained samples at customer's request.
- Full Service R&D lab, with a wide range of specialty equipment for various industries.
- Gas-chromatograph (GC) machine.
- A wide variety of "Starter" formulations for aiding in new development.
- Full-time Chemist(s) on site to aid in customers' needs.



Summary Of Manufacturing Capabilities

- Solution Blending:
 - 22,675 Gallons of total capacity, ranging from a 20 gallon pre-mix tank to 4,500 gallon stainless steel, steam jacketed.
- Dry Blending:
 - 2 X 5 Drum, steam jacketed, powder mixers.
- Specialty Manufacturing Capabilities:
 - UV Free and humidity controlled manufacturing areas.
 - Hot Melt Box.
 - Nitrogen Blanketing.
 - Flammable Room.
 - Contract packaging as small as 5 gallon pails.



Summary Of Manufacturing Capabilities

- Warehouse:
 - Total capacity of 45 X 44,000 lb. truckloads.
- Outside Tank Farm:
 - 4 X 6,000g storage tanks, and 2 X 8,000g storage tanks, for a total of 40,000 gallons, with nitrogen blanket, and fully metered.
 - Available rail spur with 2 car capacity.
- Inside Tank Farm:
 - 40,000 gallons total capacity, all metered.
- Laboratory Services:
 - Full laboratory services, formulation and development services.



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...we can do it all!

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