

Chemrich USA Launches Advanced Chemical Manufacturing Services with AI Integration from ChemeNova LLC

Made in the USA, ChemRich USA combines precision chemical manufacturing with ChemeNova's AI-powered formulation and sourcing technologies to deliver custom, scalable, and sustainable solutions across pharma, food, and industrial sectors.



Newark, New York Jul 27, 2025 ([Issuewire.com](https://www.issuewire.com)) - Chemrich USA,

a next-generation specialty chemical manufacturer, is proud to announce the launch of its custom

production capabilities for the U.S. market.

Built with a focus on quality, flexibility, and speed, Chemrich LLC now offers tailored chemical solutions for clients in pharmaceuticals, food processing, cleaning products, and specialty industrial applications.

In a strategic integration move, Chemrich USA has partnered with its affiliate company, *Chemenova LLC*, to embed advanced AI and machine learning technologies across formulation, quality control, and sourcing workflows.

“We’re combining smart manufacturing with intelligent decision-making,” said **Shehan Makani**, CEO and Founder of Chemrich LLC. “From sourcing rare ingredients to optimizing batch formulation and stability, our systems now work faster, smarter, and more reliably - powered by AI and built in the USA.”

Custom Manufacturing Meets AI Intelligence

At the heart of Chemrich USA’s offering is its **flexible low-MOQ batch manufacturing**, capable of producing small-to-mid-scale volumes of high-quality chemical blends and ingredients. The integration with **Chemenova’s IntelliForm™ platform** enables:

- AI-optimized formulations with real-time feedback
- Predictive sourcing from global suppliers
- Automated compliance with safety, regulatory, and quality benchmarks
- Accelerated sample-to-scale manufacturing timelines

This makes Chemrich an ideal partner for **indie brands, contract manufacturers, research labs, and formulators** seeking **rapid prototyping, cost-effective production, and regulatory support**.

Target Industries

- **Pharmaceuticals** (API intermediates, excipients)
- **Food & Beverage** (flavor blends, shelf-life additives)
- **Personal Care / Cosmetics** (emulsifiers, botanical extracts)
- **Industrial / Cleaning** (degreasers, solvents like D-Limonene)

Designed for the Circular Economy

Sustainability is embedded in the DNA of both Chemrich USA and Chemenova. Every formulation is assessed against a proprietary **Green Chemistry Index**, which scores:

- **Biodegradability**
- **Renewable feedstock content**

- **Energy intensity of production**
- **Toxicity & safety profiles**
- **Packaging compatibility with recycling systems**

Chemenova's system even recommends **eco-friendlier pathways** and suggests **bio-based replacements** for legacy petrochemical ingredients.

"We're not just reducing harm—we're actively designing for a regenerative future," added Makani.

U.S. Speed Meets Global Reach

[Chemrich Global](#)

While Chemrich USA ensures **localized, rapid manufacturing** for American businesses, Chemenova's global intelligence layer enables:

- Global **supplier matchmaking** using AI-scraped data from dozens of B2B platforms
- Cross-border optimization of **COA/SDS data, MOQ pricing, and logistics forecasting**
- AI-assisted **trade documentation, labeling compliance, and region-specific formulation adjustments**

This combination allows Chemrich-Chemenova clients to **compete globally while producing locally**.

Next Horizons: Digital Twins, Predictive Lifecycle Analytics, and More

With a robust development pipeline, Chemenova plans to launch:

- **Digital Twins** of chemical formulations for real-time process simulation and troubleshooting
- **Predictive Lifecycle Tools** that estimate product performance over months or years using AI models
- **Auto-Regulatory Engines** that adapt formulations dynamically to meet global compliance laws
- **Voice-activated R&D Interfaces** and **AI assistants** for chemists and operations teams

These tools are designed to empower **startups, research groups, and midsize manufacturers** to operate at enterprise-level precision and speed—with minimal overhead.

About ChemeNova LLC

<https://chemenova.com/>

Chemenova LLC is an AI-driven chemical intelligence company developing smart formulation, sourcing, and decision platforms for the chemical industry. Its flagship system, **IntelliForm™**, is designed to reduce R&D timelines, improve formulation precision, and unlock sustainable chemical innovation through data.

About ChemRich USA

<https://chemrichusa.com/>

Chemrich LLC is a U.S. - based specialty chemical manufacturing company focused on delivering customized, high-quality chemical solutions with low minimum order quantities and fast turnaround times. With operations in New Jersey and deep sourcing ties globally, ChemRich USA offers a unique blend of manufacturing flexibility and intelligent integration.

We want the chemist in a garage to have the same tools as the billion-dollar lab - just faster, cheaper, and smarter.

AI isn't replacing chemists. It's unleashing them.

The goal isn't automation for the sake of efficiency. It's automation for the sake of imagination.

"We're building infrastructure for the next chemical renaissance. One molecule at a time."

Email: info@chemrichgroup.com



Vision To be a globally trusted leader in custom chemical and pharmaceutical manufacturing, delivering sustainable, compliant, and high-quality solutions that power innovation across critical industries. Mission To bridge continents through chemistry by providing tailored manufacturing solutions, saving the food, pharma, and industrial sectors through global partnerships, technical expertise, and agile supply chains. Goals To deliver compliant, innovative, and sustainable chemical and pharma solutions through a strong global network, while ensuring sustainability, quality, and global customer success.	Chemrich Chemrich LLC Global About Us! We specialize in bulk chemicals, custom manufacturing, and pharma-grade machinery for industrial and regulated environments. Contact Us +1 773 290 8039 info@chemrichgroup.com www.chemrichgroup.com P.O. Box 100	Business Brochure	Services Industries Food & Beverage Pharmaceuticals & Nutraceuticals Cosmetics & Personal Care Agriculture Industrial Manufacturing Custom Manufacturing Custom blending, packaging, and formulation solutions designed for a variety of applications. Pharmaceutical Equipment Advanced processing and manufacturing equipment engineered to improve operational efficiency, maintain compliance, and support scalable production for pharma companies. Sustainable & Reliable Sourcing End-to-end sourcing, robust documentation, and optimized logistics from our global supply network.	Our Legacy Backed by years of experience through Chemrich India, and now, with Group our USA branch is proud to serve the American market with reliability, expertise, and a global supply chain. Products Supplying USP, FCC, and food-grade chemicals with full traceability and regulatory support. Organic & Inorganic Compounds Specialty Industrial Chemicals
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