

# Alfa Chemistry: Empowering Sustainable Solutions through Biobased Products

*Alfa Chemistry recently announces the offering of a wide range of bio-based products including chemicals, dyes, pigments, pharmaceutical chemicals, and more.*

RONKONKOMA, NEW YORK, UNITED STATES, August 9, 2023 /EINPresswire.com/ -- In a world where sustainability and environmental awareness are gaining significant growth in various industries, the demand for bio-based products is consequently on the rise. Alfa Chemistry, a renowned chemical supplier and manufacturer, is at the forefront and it recently announces the offering of a wide range of bio-based products including chemicals, dyes, pigments, pharmaceutical chemicals, plasticizers, biofuels, biosurfactants, modified starches and nanocellulose.



"Ever since its foundation, we have positioned ourself as a trusted source of high quality chemicals to meet the needs of researchers from various industries worldwide. With a commitment to sustainability, our scientific team has developed an extensive range of bio-based products that are environmentally friendly, biodegradable and derived from renewable resources," said the Marketing Chief of Alfa Chemistry.

Below are the main bio-based products provided by Alfa Chemistry:

## [Biobased Chemicals](#)

Alfa Chemistry's portfolio of biobased chemicals encompasses a vast array of compounds, including amino acids and derivatives, organic acids and derivatives, sugars and derivatives, esters, ketones, and more. Owing to their excellent performance properties, these products are applicable across industries such as cosmetics, pharmaceuticals, agriculture, and food additives.

## Biobased Dyes and Pigments

With a focus on sustainable color solutions, Alfa Chemistry offers a comprehensive range of biobased dyes and pigments. Derived from natural sources, these products deliver vibrant and

stable colors and are well-suited for various applications, including textiles, inks, coatings, and plastics. To name just a few here: Alkanet (*Alkanna tinctoria*), Buckthorn (*Rhamnus*), Chestnut (*Castanea sativa*), Dyer's Chamomile (*Anthemis tinctoria*), Cutch (*Acacia catechu*), Fustic Extract (*Maclura tinctoria*), Gallnut (*Quercus infectoria*), etc.

### Biobased Pharmaceutical Chemicals

As the demand for sustainable pharmaceuticals continues to grow, Alfa Chemistry provides a diverse catalog of biobased pharmaceutical chemicals. These products, sourced from environmentally friendly processes such as plants, microorganisms, fungi and bacteria, meet stringent quality standards and offer innovative solutions for drug development, synthesis, and research purposes.

### Biobased Plasticizers

Alfa Chemistry's bio-based plasticizers, including epoxidized plasticizers, polyester plasticizers, citric acid ester plasticizers, glycerol ester plasticizers and vegetable oils, serve as environmentally friendly alternatives to conventional plasticizers. These innovative products exhibit excellent plasticizing effects, promoting flexibility and durability in various applications such as PVC, rubber and adhesives.

### Biofuels

Recognizing the urgency to transition from fossil fuels to renewable energy sources, Alfa Chemistry offers a range of biobased fuels, including biomethanol, bioethanol, biobutanol, and biodiesel, for a sustainable future. Biofuels, derived from biomass resources such as vegetable oils, sugars, and starches, provide cleaner energy options for transportation and industrial applications without compromising performance or efficiency.

### Biosurfactants

Alfa Chemistry's biosurfactants are biodegradable, non-toxic, and derived from sustainable resources. These surface-active agents offer effective capabilities in emulsification, foaming, and wetting, making them suitable for various industries, including personal care, oil and gas, and agriculture.

### Modified Starches

Alfa Chemistry provides an extensive selection of modified starches that covers: acetylated distarch adipate, cationic starch, cyclodextrins, hydroxypropyl starch, oxidized starch, and sodium carboxymethyl starch.

### Nanocellulose

With advanced nanotechnology, Alfa Chemistry offers nanocellulose products derived from sustainable resources such as plant fibers. These renewable and biodegradable materials have exceptional mechanical properties, high aspect ratios, and large surface areas, making them valuable additives in composites, biomedicine, wastewater treatment, and other diverse applications.

Please visit the website <https://bioeco.alfa-chemistry.com/> to learn more about Alfa Chemistry's bio-based product offerings.

#### About

As the world embraces sustainable practices, Alfa Chemistry stands as a reliable partner for industries seeking biobased alternatives to traditional chemicals and materials. With their extensive range of products, commitment to quality, and dedication to environmentally conscious practices, Alfa Chemistry continues to provide innovative and sustainable solutions to meet the evolving needs of various industries.

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