

A close-up photograph of a hand wearing a blue nitrile glove, holding a paintbrush with a brown handle and a silver ferrule. The brush is applying a light-colored paint to a wooden surface. The background is a warm, light brown wood grain. A large, dark green curved shape is at the bottom of the image, containing the text.

Transform your paint formulations with Cargill's solutions

Discover how Cargill's plant-based ingredients can enhance
your paint, stain and coating formulations



Enhance your paint formulations with Cargill's portfolio

Utilizing our extensive portfolio means creating versatile coatings while reducing reliance on petroleum-based products without compromising on performance or cost.

Why choose us?

Global manufacturing

A strong global footprint ensures consistent, high-quality ingredient supply—wherever and whenever you need it.

Advancing sustainability initiatives

Our plant-based ingredients are intended to replace petroleum-based raw materials.

Performance & efficiency

Boost product performance and streamline manufacturing with ingredients designed for optimal results.

Trusted partner

Collaborate with a trusted global leader committed to quality, innovation, and sustainability in every formulation.

Additives

Coalescing agents



Advancing sustainability

Replace petroleum-based coalescing agents in your formulation with bio-based products that can contribute to VOC¹ targets.



Improve product performance and durability

Enhance key properties of the final coating, including scrub resistance, water resistance, and block resistance.



Reduce Hazards

Non-hazardous² option compared to petroleum-based products



Added versatility

Compatible with a wide variety of polymer emulsions and dispersions for simplified formulation substitution.



Efficient use dosage

Formulators may be able to achieve effective coalescence at lower dosage rates than other products for improved cost in use.

Featured products

Oxi-Cure® 3000: Comprised of 90% bio-based³ content, Oxi-Cure 3000 contributes to excellent block, stain and scrub resistance.

Oxi-Cure® 2200: This clear coalescing agent contains 96% bio-based³ content and provides excellent low temperature coalescing efficiency.

¹According to ASTM Method D6886

²According to Regulation (EC) No. 1272/2008 and 29 CFR 1910.1200

³According to ASTM D6866

Lecithin emulsifiers / wetting agents

A plant-based, trusted emulsifier for paint applications with proven performance. Lecithin provides numerous performance benefits for paint formulations.

	Advancing sustainability	Replace petroleum-based products with an emulsifier made from plant-based materials derived from annually renewable crops
	Production efficiency	Disperses pigments faster and more uniformly, improving blending during production and enabling shorter mixing times
	Improve formulation stability	Helps stabilize ingredients for improved shelf life and consistency, while enhancing color uniformity and improving appearance of the final coating
	Formulating flexibility	Enables formulators to more easily achieve a homogeneous mixture, even in formulations with a large number of ingredients

Plasticizers

Plasticizers make coating films more flexible, improving toughness and flexibility to minimize film cracking.

	Advancing sustainability	Replace petroleum-based products with plant-based ingredients
	Reduce hazards	Non-hazardous ¹ option compared to petroleum-based products

¹According to Regulation (EC) No. 1272/2008 and 29 CFR 1910.1200

Binder components

Modified plant oils and reacted oils

The reactive nature of Cargill's modified plant oils provides performance and production benefits for paint and stain formulations.

	Advancing sustainability	Replace petroleum-based products with products made from plant-based materials derived from annually renewable crops
	More formulation flexibility	The polymerized nature offers increased reaction control than nonreacted oils. They can also improve several key features such as viscosity, body and flow, reducing or eliminating the need for synthetic thickeners
	Improve product performance	Helps create a more robust coating with improved flexibility and substrate adhesion

Featured products

VOS™ 70: Polymerized, low acid linseed oil that yellows less than the other unbodied oils and forms a tough, strong film

Falkowood™ 51: Modified cross linking oil helps shorten drying time while offering all the application and performance benefits of linseed oil



Distilled fatty acids

Cargill™ has a range of unsaturated distilled fatty acids offering improved quality and formulation flexibility for resins.



Formulation flexibility and efficiency

Helps formulators control polymerization and target specific product attributes. It can also help reduce resin viscosity



Manufacturing efficiency

Enables faster reactions, lower processing temperatures and chemistry consistency to streamline production processes

Plant-based oils

Cargill offers an extensive portfolio of plant-based oils, including linseed, soybean, canola, coconut and sunflower. Cargill's reliability and quality have been proven over decades of use in the paints and coatings industry, across the globe.

Linseed oil is widely used in coatings formulations due to its inherent film forming and drying properties, penetrate deep into porous substrates, and offer excellent adhesive capabilities.

Carriers

Vegetable ester biosolvents

Cargill's co-solvents offer excellent solvency properties for a wide range of applications. They offer options with high flash points and high boiling points for a variety of applications and uses.



Advancing sustainability

Replace a portion of petroleum-based solvents made from plant-based materials



Innovative formulation

Non-hazardous¹ option compared to petroleum-based products



Safety in use

Cargill biosolvents have higher flash points and boiling points compared to many conventional solvents, helping to address handling and storage concerns

¹According to Regulation (EC) No. 1272/2008 and 29 CFR 1910.1200



Featured product:

Agri-Pure® 406: Offers rheological properties similar to petroleum distillates and could help contribute to reduced VOCs¹ while being classified as non-hazardous² as in accordance with EC 1272/08.

¹According to ASTM Method D6886

²According to Regulation (EC) No. 1272/2008 and 29 CFR 1910.1200

Frequently asked questions

How can Cargill™ help address my sustainability goals?

Cargill™ equips customers with innovative plant-based solutions to help develop or redesign products while reducing reliance on conventional petroleum-based raw materials. Cargill's broad portfolio of products includes offerings made from annually renewable crops for a wide range of applications and industries, with the potential to support the development of products that may offer a lower carbon footprint, reduced VOC¹, and non-hazardous² formulations using plant-based materials.

How is consistent quality and reliable performance ensured for plant-based solutions?

Cargill leverages over 155 years of experience and executional excellence to deliver high-quality plant-based products globally. Our extensive product quality systems, processes and standards ensure consistent quality during production.

How can I increase plant-based content in my formulations with Cargill's help?

Cargill is uniquely experienced in converting renewable crop-based feedstocks into chemistries designed to perform. We connect customers to the industry's broadest portfolio of plant-based solutions for current and future formulation needs.

¹According to ASTM Method D6886

²According to Regulation (EC) No. 1272/2008 and 29 CFR 1910.1200

Do plant-based products match the performance of petroleum-based products?

Cargill's bio-based solutions deliver reliability and consistency, meeting or exceeding the performance characteristics of petrochemical options. With expertise in converting renewable feedstocks, Cargill ensures you don't have to compromise on quality with plant-based solutions.

What regions does Cargill supply?

Cargill serves as a trusted partner for customers in more than 70 countries, with manufacturing and research sites located on six continents. Cargill is uniquely positioned to serve both regional and global customer footprints with its extensive supply chain network and wide access to agricultural feedstocks. Cargill's broad reach means we can serve customers and production sites all around the world.

How can Cargill assist with innovation and new product development?

Cargill's global team of 1,750+ experts transforms agricultural inputs into innovative solutions using bio-based ingredients. With deep technical knowledge and global reach, we partner with customers to meet both formulation and business goals—whether through proven ingredients or custom-developed solutions.

Find more information at cargill.com/paints



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