

# Vegetable-based plasticizers delivering efficiency and productivity.



## Cargill Plasticizers

www.cargill.com

Phthalate free plasticizers delivering efficiency and economics with a goal to be a zeroharm commitment to the planet.

Environmental consciousness is the new expectation for today's flexible PVC products and the plasticizers they contain. Responsible companies must continually evolve to meet the rigorous regulations for the PVC industry.

Cargill plasticizers are phthalate-free and engineered from bio-based materials.

We help customers meet the rapidly changing demands of industry regulations without compromising reliability or overall performance.

The Cargill mission has never wavered: to deliver solutions that are better for people and the planet.

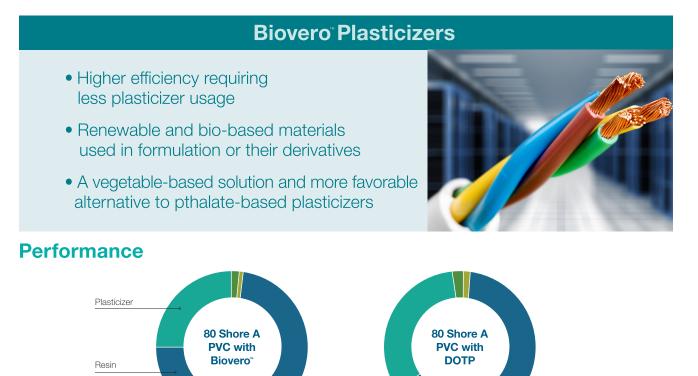


# High efficiency plasticizers for the future of the polymers industry.

Our bio-based plasticizers are engineered to achieve a balance between responsible ingredients and cost. Cargill leverages its global presence and renowned technology to deliver plasticizers that meet regulatory performance goals without compromising the bottom line.

The Cargill advantage means you have access to the world's leading scientists and agricultural-based technology for plasticizers that meet the next level of expectations. Learn more about Cargill Biovero<sup>™</sup> and VikoFlex<sup>™</sup> plasticizers below.

### **Product Characteristics**



Biovero<sup>™</sup> plasticizers have a lower use ratio than DOTP and allows for possible replacement of ESO - enabling higher use of fillers.

### **VikoFlex**<sup>®</sup>**Plasticizers**

- Renewable and bio-based materials used in customized applications
- Applied in applications such as plasticization, stabilization, acid scavenging, and viscosity
- Higher oxirane content, lower viscosity, and increased light and heat stability



## Bio-based technologies and unique chemistries.

Plasticizer regulations are constantly evolving, as protecting the planet is an ongoing mission. Cargill's commitment to sustainability means taking an active role in a reducing the environmental footprint. Cargill plasticizers deliver permanence and efficiency with a goal to a zero-harm commitment to people and the planet.

PERFORMANCE	PORTFOLIO	PEOPLE	PLANET
High efficiency and fast fusing allowing for increased line speeds.	Gain cost efficiencies by partnering with Cargill's full portfolio of ingredients and expertise.	Helping people <i>thrive</i> through responsible solutions and practices is a Cargill priority.	Choosing ingredients that support a circular economy.

## Cargill is a global presence in plasticizers.

Choosing Cargill provides your business an undeniable advantage. With a global supply chain and world-renowned R&D, Cargill has the resources to execute with precision.



#### **Contact us - Cargill**

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