

# CynerSorb™ Adsorbents

ENGINEERED FOR SUPERIOR FILTRATION PERFORMANCE  
FOR BIODIESEL PURIFICATION

**Biodiesel purification with longer cycle times and higher flow rates**

## CYNERSORB ADSORBENT FILTER AIDS

CynerSorb adsorbent filter aids reduce total powder usage, enabling longer filtration cycles that operate at higher flow rates, decreasing biodiesel loss. CynerSorb diatomite products are highly permeable adsorbent filter aids that break down soap molecules and adsorb them along with metals and other polar impurities during biodiesel purification. CynerSorb filter aids allow you to simplify, by replacing your water wash step or current dry wash process.

CynerSorb adsorbent filter aids can be used with biodiesel made from used cooking oil (UCO), refined vegetable oil or animal fat. They are versatile as pre-treatment of feedstock material to reduce impurities, or post treatment.

CynerSorb C and HC grades were formulated to chelate non-hydratable soaps and metals and make them suitable for adsorption. They are recommended for high soap processes such as bottom feed in distillation, or after esterification, decreasing loss of biodiesel yield.

## ADVANTAGES OF CYNERSORB

An adsorbent and absorbent filter aid product that combines adsorption and filtration functionalities into a single product.

- Available in a range of permeabilities
- High soaps removal
- Remove metals and polar contaminants
- Reduce filter aid usage vs. conventional materials
- Longer cycle times
- Higher flow rates
- Reduce spent filter cake disposal
- Reduce yield lost due to spent solid and oil retention

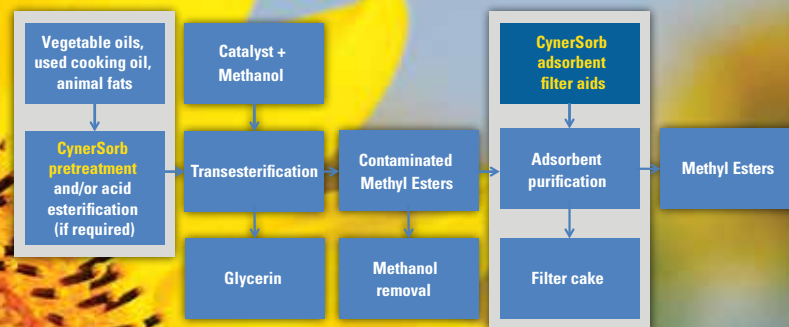
## PACKAGING

- Bags / Super Sacks / Bulk

Imerys has a range of products for biodiesel, to adsorb soap and metals, reduce the acid number, and filter impurities when utilizing a dry wash process. Please contact us for further information.

## BIODIESEL PURIFICATION

Purification process using Imerys filter aids



APPLICATION	MODERATE ADSORPTION (ESTERS WITH LOW SOAPS AND METALS)	HIGH ADSORPTION (ESTERS WITH HIGH SOAPS AND METALS)
Low Permeability	CynerSorb 200	CynerSorb 200C
High Permeability	CynerSorb 1000HS	CynerSorb 1000HC

For further information, email: [info@imerys-filtration.com](mailto:info@imerys-filtration.com)  
or visit [www.imerys-filtration.com](http://www.imerys-filtration.com)

