

Traditem GmbH expands its portfolio with new and innovative bio-based products. These products offer a sustainable and environmentally friendly alternative to their traditional chemicals. By using these new products you reduce your carbon footprint.

### **PE WAX 50E bio-based**

1t of bio-based Polyethylene captures up to 3t of CO<sub>2</sub> eq.

Use of Bio-based Polyethylene, made of sustainable sugarcane, offers lower carbon footprint.

#### Application

Adhesives, Cosmetics,  
Paints and compounds

### **EVA bio-based**

Bio-based content:  
45-80%

#### Applications

of bio-based EVA, made from renewable sugarcane, are shoes, adhesives, toys, wires & cable and foams in general.

Derived from renewable biomass sources, such as plants or waste materials, bio-based chemicals represent a transformative step towards a greener future. With a wide range of applications these innovative products offer a superior performance while minimizing the ecological footprint.

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Use of Bio Naphtha  
to make bio-based  
GAA, BA, EA, 2-EHA, MA

Various application such as  
coating, paint & ink,  
adhesives, synthetic  
textiles, intermediates,  
cross-linking agents

### **GAA, Glacial Acrylic Acid bio-based**

Product with bio-balanced CO<sub>2</sub> Footprint

### **BA, Butyl Acrylate bio-based**

Product with bio-balanced CO<sub>2</sub> Footprint

### **EA, Ethyl Acrylate bio-based**

Products with bio-balanced CO<sub>2</sub> Footprint

### **2-EHA, 2-Ethylhexy Acrylate bio-based**

Products with bio-balanced CO<sub>2</sub> Footprint

### **MA, Methyl Acrylate bio-based**

Products with bio-balanced CO<sub>2</sub> Footprint

## **BY REPLACING FOSSIL FEEDSTOCK**

with bio-based feedstock customers from the chemical industry can be supported in their goals to a more circular and sustainable economy by reducing their scope 3 emissions.



# A COMPREHENSIVE LIFE CYCLE ASSESSMENT (LCA)

helps to better understand  
the environmental impact of the products

## **IBA, iso-Butyl acrylate bio-based**

Bio-based content:  $\approx$  57%

## **Lauryl acrylate bio-based**

Bio-based content:  $\approx$  77%

## **2-OA, 2-Octyl acrylate bio-based**

Bio-based content:  $\approx$  73%

## **Itaconic acid**

Main application in resins,  
paints & coatings, biodegradable  
polymers in packaging

Use of renewable iso-butanol to make bio-based IBA

### Origin of bio-basis:

Corn

Produced from 100% C14 Alcohol

### Origin of bio-basis:

Palm Oil

Use of renewable 2-octanol to make bio-based 2-OA

### Origin of bio-basis:

Castor Oil

Use of biofermentation to make bio-based Itaconic  
acid

### Origin of bio-basis:

Corn Starch

## EMBRACING SUSTAINABILITY

while offering uncompromising quality, these products can help redefine the way chemical industry approaches business and bringing forth a future where innovation meets eco-consciousness.

**FOR MORE DETAILED INFORMATION  
PLEASE FEEL FREE TO CONTACT US!**



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