

## WILL & CO. BV

### Foundation

- 1924

### Turnover

- 84 million € (2015)

### Employees

- 30

### Branches

- Distribution of bio-based specialty solvents
- Bio-based binders
- Specialty bio-based diacids
- Development of bio-degradable plastic compounds

### Key materials

- Bio-based lactate esters, diacids and polyester polyols
- Modified starches
- Biodegradable plastics and master batches

### Distribution products

- Krosflex® SED
- Biolon™ DDDA
- Galaster™ and Galasolv™
- Adicrol BIO SPD and S56
- Bio-based plasticizers



### Company

Will & Co. BV is a privately held company with a distinctive market approach and a European focus. With our technical understanding and excellent market knowledge, we translate novel product characteristics into new market opportunities.

Besides our traditional extensive portfolio, Will & Co. also offers a broad range of renewable products that are suitable alternatives for existing fossil-based options. Depending on your needs, we design innovative solutions that will allow integration of bio-based and biodegradable materials in your products. As the specialist we will provide you with the best opportunities and finest products for every application.

### Products distributed by Will & Co.

Owing to our focus on renewable materials, we have been appointed as distributor for a broad range of bio-based products from a variety of manufacturers.

#### Krosflex® SED Polymers

For this product series we represent the Dutch company Dynaplak, which started as a small R&D and production plant in the North of the Netherlands in 1996. The history line from this family business started already in the 1960s where extended R&D onto starch based products were done by the KSH company (Kon. Scholten-Honig NV). A well-known name for most people that came across starch in the past.

Dynaplak produces a wide range of starch-based binders, additives and biopolymer dispersion solutions for coatings and paints systems. Ongoing R&D gives a high output of new customer driven green solutions. Including the latest Krosflex® SED Series to boost your formulation to the new biopolymer based paint systems.



#### Biolon™ DDDA

This product is manufactured by Verdezyne Inc. by fermentation of fatty acids using a proprietary engineered yeast strain. The strain metabolizes multiple non-food-based renewable feed stocks, like palm kernel oil, to produce high-value bio-based chemicals widely-used in consumer products, such as Biolon™ DDDA (dodecanedioic acid), which earned the USDA Certified Bio-based Product label.

Because of the advanced proprietary technology, Biolon™ DDDA is produced with the highest purity in the industry and finds application in numerous areas, such as:

- Adhesives
- Fragrances
- Powder coatings
- Polymers; nylon 6,12
- Lubricants and greases





### Galaster™ and Galasolv™

Our Belgian partner Galactic S.A. has developed a wide range of biosolvents with different solvent powers, high flash points and slow evaporation rates. These products are marketed under their brands Galaster™ and Galasolv™, and are produced from natural ingredients, such as sugar and maize glucose.

Their fermentation technology offers access to lactic acid, which is the key ingredient to their solvent series. The series is intended to replace part of traditional petroleum-based solvents to lower the carbon footprint of your formulations and improve the labelling of your products, primarily for the following applications:

- Cleaning
- Plasticizers
- Paints, coatings and ink
- Degreasing
- Reactive solvents
- Coalescence agents



### Adicrol BIO SPD and S56

The Adicrol polyester polyol product series is manufactured by Nord Composites in the North-East of Italy. Recently they developed two linear aliphatic polyester resins; Adicrol BIO SPD and Adicrol S56, which have a high renewable content (70% to 100%).

Adicrol BIO SPD is particularly recommended for the production of thermoplastic polyurethanes (TPUs) and is characterized by very low color and acid values. Furthermore, this product is for 100% based on renewable material.

In contrast, Adicrol S56 is particularly recommended for the production of PU shoe soles and flexible foams, and has a renewable content of 70%. The product is characterized by its difunctionality and primary hydroxyl groups.



### Bio-based plasticizers and flame retardants

In addition to our extensive portfolio of plasticizers and flame retardants, we offer a range of bio-based plasticizers from amongst others Oxea and Lanxess:

- ATBC
- Triacetin
- Oxblue DOSX
- ESBO
- Bio-based TEP
- Bio-based diesters

### R&D in Partnership with Customers

#### Biodegradable plastics from renewable materials

In collaboration with our compounding partners, Will & Co. has initiated several projects to develop biodegradable plastic compounds, which are based on renewable plastic materials, such as modified PLA, and have high performance properties, such as increased heat stability (HDT) and shape-memory.

In this project we tailor the plastic properties in close collaboration with our customers, to obtain the best outcome in the most time efficient manner. In order to succeed we make use of Will & Co.'s vast network of raw material suppliers, which we developed over the last 90 years. Because of these connections, we have direct access to in house knowledge and innovative materials, newest developments, and latest technical information.

### Contact

#### Will & Co. BV

Dellaertlaan 24  
1171 HG Badhoevedorp  
The Netherlands  
Phone: +31 20 659 7501  
[www.will-co.nl](http://www.will-co.nl)

### Contact person



#### Matthijs van Lint

[matthijs.vanlint@will-co.nl](mailto:matthijs.vanlint@will-co.nl)