

# Evonik Antwerpen NV

**03.10.1968**

Foundation

**109 ha**

Area Chemiepark Lillo

**926**

Employees



**LEADING  
BEYOND  
CHEMISTRY**

**583.2 mio EUR**

Sales

**47.4 mio EUR**

Investments

**7.6 mio EUR**

Environment and safety investments



## Biodiversity and climate

Reduction of specific emissions  
period 2015-2025

kg NO<sub>x</sub>/t produced product: 54 %

t CO<sub>2</sub>/t produced product: 18 %

## Business Lines of the segment **Advanced Technologies**

### Animal Nutrition

#### ME-1 and ME-2

Methionine is an essential amino acid that is widely used in poultry feed, partly because it does not have an aftertaste like fishmeal. It is also used in the pharmaceutical sector, for example in the treatment of liver disorders.

#### AC/MC

AC/MC produces acrolein and methylmercaptane. Both substances are further processed internally, together with hydrocyanic acid, to form the basis for the amino acid methionine. The raw materials for this are propene, sulphur, methanol, and hydrogen.

#### B

Hydrocyanic acid (prussic acid) is not sold, but used internally as a raw material for the production of a series of organic substances, including the amino acid methionine.

### Active Oxygens

#### AO

Hydrogen peroxide is produced in various concentrations from hydrogen and oxygen. It is used as a bleaching agent and oxidizing agent in sectors such as textiles, paper, chemicals, and wood processing. It has an important role in purifying air and wastewater. Hydrogen peroxide is also a basic raw material for the production of other peroxides and chemicals. Thanks to its environmentally friendly properties, it is particularly suitable for the detoxification of wastewater. And in everyday life, hairdressers use it to bleach hair.

### Crosslinkers

#### PACM

Two substances are produced here: PACM, which is used as a hardener in floor coatings such as PU floors and polished concrete, where it provides protection and sound insulation, and TMC-on, which is used in special plastics. TMC-on makes headlight housings heat-resistant, which is essential for modern cars.

### Smart Effects

#### FK

Aerosil® is an ultra-fine powder used as a binding agent in paints, varnishes and pastes, and as a filler in rubber and silicones. It is also found in cosmetics and medicines. Thanks to its enormous surface area per gram, Aerosil® prevents make-up from clumping, helps tablets dissolve in water, and ensures an even distribution of paints and varnishes. It is also found in toothpaste, white sneaker soles and winter tires.

#### HKCS

Chlorosilanes are produced by reacting solid silicon with chlorine hydrogen gas using two different technologies. The result: silicon tetrachloride, which is used in the production of Aerosil® and trichlorosilane, which serves as a raw material for organosilanes and high-purity silicon. This pure silicon is essential for semiconductors in the electronics industry.

#### SL

The organosilane Si 69 is used in the rubber industry to make rubber stronger and improve its adhesion to materials such as steel. In 'green' car tires, it helps to reduce rolling resistance, which leads to lower fuel consumption.

### Functions

Human Resources  
Site Communications  
Finance & Controlling  
Procurement  
Digitalization & IT

### Services

Technical Services  
Logistics  
ESHQ  
Utilities/Site Development  
Administrative Support

### Registered office

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### Board of directors

Ivan Pelgrims (General Manager)  
Maurizio Finotto  
Guy Heyninck