Evonik Antwerpen NV

03.10.1968
Foundation

109 ha
Area Chemiepark Lillo

951
Employees

LEADING BEYOND CHEMISTRY

601.6 mio EUR
Sales

34.3 mio EUR
Investments

7.0 mio EUR
Environment and safety investments

Biodiversity and climate

Reduction of specific emissions period 2015-2024

kg NOx/t produced product: 46 %

t CO_2/t produced product: 9 %

Fiscal year 2024

EVONIK
Leading Beyond Chemistry

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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