

## Evonik and Fuhua join forces to produce and market hydrogen peroxide in China

16 November 2023

- Evonik grants Fuhua license for 200-kiloton hydrogen peroxide plant in Leshan, Sichuan Province
- Partners evaluate cooperation to produce and market specialty peroxide grades
- Goal to address high market demand in China for applications in, e.g., solar panels and food packaging

**Main press contact**

**Nikki Eggers**

Head of Market Communications  
Active Oxygens business line  
Phone +49 6181 59-12013  
nikki.eggers@evonik.com

**Alternative press contact**

**Nina Peck**

Head of Market Communications  
Smart Materials division  
Phone +49 201 177-2223  
nina.peck@evonik.com

**Hanau, Germany.** Leading peroxide manufacturer Evonik and major Chinese chemicals producer Fuhua Tongda Chemicals Company (Fuhua) have signed a license agreement for Fuhua to build a new hydrogen peroxide plant in Leshan, Sichuan Province, using Evonik's know-how. Furthermore, both partners will evaluate a cooperation to jointly produce and market specialty grades of hydrogen peroxide with the aim to meet the rising demand for those applications on the Chinese market.

The signing ceremony took place on 15 November in Hanau, Germany. According to the agreement, Fuhua will use Evonik-licensed technology to build an industrial-grade hydrogen peroxide plant with an annual capacity of 200 kilotons. The envisaged Evonik-Fuhua collaboration would then further purify the hydrogen peroxide into specialty grades for applications such as solar panel production or aseptic packaging for food and beverages.

"This move supports the mission of Evonik's Active Oxygens business line to 'futurize peroxide'," said Lauren Kjeldsen, head of Evonik's Smart Materials division. "Through business models like this one, we are pooling our expertise in peroxides with the local market knowledge of important industry players in order to deliver solutions that meet the needs of a growing population."

Fuhua Chairman Zhang Hua said, "This collaboration with Evonik on industrial-grade and specialty-grade hydrogen peroxide projects is another major step towards Fuhua's strategic goal of company transformation, upgrade, and high-quality development.

**Evonik Industries AG**

Rellinghauser Straße 1-11  
45128 Essen  
Germany  
Phone +49 201 177-01  
www.evonik.com

Supervisory Board  
Bernd Tönjes, Chairman  
Executive Board  
Christian Kullmann, Chairman  
Dr. Harald Schwager, Deputy Chairman  
Maike Schuh, Thomas Wessel

Registered Office is Essen  
Register Court Essen Local Court  
Commercial Registry B 19474

The signing marks a concrete milestone in the long collaboration between our two companies. We believe that the combination of Fuhua’s advantages in resources, value chain, and local market with Evonik’s first-class expertise, technology, and production management will better serve the market and contribute to a better life for humankind.”

Specialty hydrogen peroxide grades can be used in a wide variety of future-facing applications. For example, hydrogen peroxide is a crucial ingredient in the production of photovoltaic cells for solar energy. It is used as a bleaching, disinfection, and oxidizing agent in cosmetics and pharmaceuticals. Or it can act as a sterilant in aseptic packaging in order to extend the shelf-life of food and beverages. And because hydrogen peroxide breaks down into only water and oxygen, it leaves minimal residues as compared with other chemical alternatives.

Fuhua is a comprehensive global chemical enterprise integrating mining resource development and R&D of applications for basic chemicals and fine chemicals. Products cover fine chemicals and basic chemicals.

For more information on Evonik’s Active Oxygens business line, please visit [evonik.com/activeoxygens](https://www.evonik.com/activeoxygens)

#### **Company information**

Evonik is one of the world leaders in specialty chemicals. The company is active in more than 100 countries around the world and generated sales of €18.5 billion and an operating profit (adjusted EBITDA) of €2.49 billion in 2022. Evonik goes far beyond chemistry to create innovative, profitable, and sustainable solutions for customers. About 34,000 employees work together for a common purpose: We want to improve life today and tomorrow.

#### **About Smart Materials**

The Smart Materials division includes businesses with innovative materials that enable resource-saving solutions and replace conventional materials. They are the smart answer to the major challenges of our time: environment, energy efficiency, urbanization, mobility, and health. The Smart Materials division generated sales of €4.83 billion in 2022 with about 7,900 employees.

#### **Disclaimer**

In so far as forecasts or expectations are expressed in this press release or where our statements concern the future, these forecasts, expectations, or statements may involve known or unknown risks and uncertainties. Actual results or

developments may vary, depending on changes in the operating environment. Neither Evonik Industries AG nor its group companies assume an obligation to update the forecasts, expectations or statements contained in this release.