

## Evonik supports their customers with the biocide- registration and expands its product portfolio by active substance hydrogen peroxide HYPROX® AS

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**Specialized Press Contact**

**Simone Herrwerth**

Market Communication

Active Oxygens

Phone +49 6181 59-13622

Simone.herrwerth@evonik.com

Hydrogen peroxide is used as active substance in the formulation of biocidal products and for the production of the active substance peracetic acid. Biocidal products containing hydrogen peroxide are applied in a variety of applications, e.g. as a disinfectant in water treatment, in the food and beverage industry, animal hygiene and also in the area of healthcare. Hydrogen peroxide has outstanding disinfectant properties and, as a potent antimicrobial agent, is effective against bacteria, molds and viruses, even at low concentration.

In the European Union biocidal products are subject to the Biocidal Products Regulation (BPR) (EU) Nr. 528/2012, which regulates the making available on the market and use of biocidal products in the European Union and shall harmonise the European rules for biocidal products and their active substances. The aim is to provide a high level of protection for people, animals and the environment and to ensure that products are sufficiently effective against the target organisms. The BPR stipulates a two-step process, in which the active substance evaluation is followed by a product authorisation of individual biocidal products.

With effect from February 1<sup>st</sup>, 2017, all biocidal products containing the active substance hydrogen peroxide, that are placed on the market and being supported as biocidal products under the BPR, have to be formulated with a technically equivalent active substance.

Furthermore, as of October 1<sup>st</sup>, 2017, any peracetic acid based active substances have to be produced with a technically equivalent source of hydrogen peroxide as defined in the active substance dossier for hydrogen peroxide.

To meet the demands of this regulatory requirement, Evonik has introduced the new product line HYPROX® AS besides the existing product line PERSYNT® LC. The active substances HYPROX® AS and

**Evonik Resource Efficiency GmbH**

Rellinghauser Straße 1-11

45128 Essen

Phone +49 201 177-01

Fax +49 201 177-3475

www.evonik.com

**Executive Board**

Dr. Claus Rettig, Chairman

Dr. Johannes Ohmer,

Simone Hildmann,

Alexandra Schwarz

Registered Office: Essen

Register Court: Essen Local Court

Commercial Registry B 25783

VAT ID no. DE 81 5528487

PERSYNT® LC are both approved reference sources as defined under the Biocidal Products Regulation 528/2012.

This portfolio enhancement supports Evonik's strategic focus as a provider of sustainable and environmentally benign solutions. Evonik is dedicated to provide the best products and services to its customers in order to support them in fulfilling the BPR requirements.

For further information please visit [h2o2.evonik.com](http://h2o2.evonik.com) and [peracetic-acid.evonik.com](http://peracetic-acid.evonik.com)

#### **Company information**

Evonik is one of the world leaders in specialty chemicals. The focus on more specialty businesses, customer-orientated innovative prowess and a trustful and performance-oriented corporate culture form the heart of Evonik's corporate strategy. They are the lever for profitable growth and a sustained increase in the value of the company. Evonik benefits specifically from its customer proximity and leading market positions. Evonik is active in over 100 countries around the world with more than 35,000 employees. In fiscal 2016, the enterprise generated sales of around €12.7 billion and an operating profit (adjusted EBITDA) of about €2.165 billion.

#### **About Resource Efficiency**

The Resource Efficiency segment is led by Evonik Resource Efficiency GmbH and supplies high performance materials for environmentally friendly as well as energy-efficient systems to the automotive, paints & coatings, adhesives, construction, and many other industries. This segment employed about 9,000 employees, and generated sales of around €4.5 billion in 2016.

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