

# News Release



## **BASF further expands production capacity at specialty amines complex in Nanjing, China**

- **Multi-product specialty amines plant**
- **Supports rising demand for specialty amines in Asia**
- **Startup planned in 2019**

Ludwigshafen, Germany and Shanghai, China – September 25, 2017 – BASF will build a new specialty amines plant at its existing wholly owned site in Nanjing Chemical Industry Park in China. The new multi-product plant can manufacture 21,000 metric tons per year and further extends BASF’s amines portfolio at the specialty amines complex in Nanjing. The plant is scheduled to come on stream in 2019 and will mainly produce 1,2-Propylenediamine (1,2-PDA), n-Octylamine (n-OA) and Polyetheramine (PEA).

“BASF offers a wide range of amines globally, and this investment reflects our continued commitment to meeting the growing market demand in Asia Pacific,” said Stefan Blank, President, BASF Intermediates division. “Building on decades of experience in developing and manufacturing amines, this new plant will further strengthen our global leadership in these versatile intermediate products.”

“This investment will help us to meet the increasing Asia Pacific demand for specialty amines used as intermediates in a diverse range

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of industries and applications, such as epoxy formulations, crop protection agents, spandex and biocides for the coatings industry,” said Narayan Krishnamohan, Senior Vice President, Intermediates Asia Pacific, BASF. “Through this expansion, we will be able to better serve our customers in Asia Pacific with steady and timely supply of quality products.”

BASF also has manufacturing capacities for both 1,2-PDA and n-OA at its Ludwigshafen Verbund site in Germany. Manufacturing plants for PEA are located at BASF sites in Ludwigshafen, Germany, Geismar, USA and Nanjing, China.

**The main products of the new plant include:**

1,2-Propylendiamine (1,2-PDA) is an essential ingredient to produce elastic fibers. It is also used as a building block in the manufacture of pharmaceuticals, crop protection agents, colorants, textile auxiliaries, pigments and optical brighteners. Furthermore, it is used as a corrosion inhibitor in surface treatment products.

N-Octylamine (n-OA) is used as a chemical intermediate for the synthesis of antimicrobial and biocidal agents.

Polyetheramines (PEA) are chemical intermediates used, for example, to produce polyurea coatings, adhesives and plastics. PEA is also used as a curing agent in epoxy resin systems for the production of blades for wind energy plants. BASF offers PEA under its Baxxodur® brand.

With about 300 different amines, BASF has the world’s most diverse portfolio of this type of chemical intermediates. Along with alkyl-, alkanol- and alkoxyalkylamines, the company offers heterocyclic and aromatic as well as specialty amines. The range is completed by an expanding portfolio of chiral amines of high optical and chemical

purity. These versatile products are used mainly to manufacture process chemicals, pharmaceuticals and crop protection products, as well as cosmetic products and detergents. They also serve to produce coatings, special plastics, composites and special fibers.

### **About BASF Intermediates**

The BASF Group's Intermediates division develops, produces and markets a comprehensive portfolio of more than 700 intermediates around the world. Its most important product groups include amines, diols, polyalcohols, acids and specialties. Intermediates are used for example as starting materials for coatings, plastics, pharmaceuticals, textiles, detergents and crop protectants. Innovative intermediates from BASF help to improve both the properties of final products and the efficiency of production processes. The ISO 9001 certified Intermediates division operates plants at production sites in Europe, Asia and North America. Around the globe, the division generated sales to third parties of about €2.7 billion in 2016. For more information, go to [www.intermediates.basf.com](http://www.intermediates.basf.com)

### **About BASF**

At BASF, we create chemistry for a sustainable future. We combine economic success with environmental protection and social responsibility. The approximately 114,000 employees in the BASF Group work on contributing to the success of our customers in nearly all sectors and almost every country in the world. Our portfolio is organized into five segments: Chemicals, Performance Products, Functional Materials & Solutions, Agricultural Solutions and Oil & Gas. BASF generated sales of about €58 billion in 2016. BASF shares are traded on the stock exchanges in Frankfurt (BAS), London (BFA) and Zurich (BAS). Further information at [www.basf.com](http://www.basf.com).