

News Release

BASF expands low 1,4-Dioxane line to help customers meet new regulations in North America

FLORHAM PARK, NJ, January 23, 2020 – BASF has expanded its low 1,4-Dioxane line by adding several new ingredients to the existing range of Flex surfactants and polymers in North America. The BASF Flex solutions allow brands in the cosmetics, personal care, and home care industries to use ingredients that are certified low in 1,4-Dioxane for their formulations.

A recently signed New York state law prohibits the sale of household cleaning and personal care products containing more than 2ppm 1,4-Dioxane and cosmetics products containing 10ppm 1,4-Dioxane by the end of 2022; For household cleaning and personal care products the limit will be further reduced to 1ppm at the end of 2023. The state of California is also assessing 1,4-Dioxane in home and personal care products through the Safer Consumer Products program and research is estimated to be completed in three years.

“Formulating with Flex helps our partners comply with regulations ahead of the 2022 deadline,” said Scott Thomson, Senior Vice President, BASF Care Chemicals, North America. “Expanding the Flex range is an important step in providing our customers with a broad portfolio of flexible formulation options. It enables them to meet both their performance criteria and the new industry requirements.”

1,4-Dioxane is a synthetic chemical that forms as a by-product during the manufacturing process of certain surfactants and emulsifiers and is miscible in water. It is used primarily as a solvent and historically as a stabilizer for chlorinated solvents that go into commercial and industrial applications.

More information about Flex products can be found at hciei.basf.us/flex and carecreations.basf.us.

About the Care Chemicals division at BASF

The BASF division Care Chemicals offers a broad range of ingredients for personal care, home care, industrial & institutional cleaning, and technical applications. We are a leading global supplier for the cosmetics industry as well as the detergent and cleaner industry, and support our customers with innovative and sustainable products, solutions and concepts. The division's high-performance product portfolio includes surfactants, emulsifiers, polymers, emollients, chelating agents, cosmetic active ingredients and UV filters. We have production and development sites in all regions and are expanding our presence in emerging markets. Further information is available online at www.care-chemicals.basf.com

About BASF

BASF Corporation, headquartered in Florham Park, New Jersey, is the North American affiliate of BASF SE, Ludwigshafen, Germany. BASF has more than 20,000 employees in North America and had sales of \$19.7 billion in 2018. For more information about BASF's North American operations, visit www.basf.com.

At BASF, we create chemistry for a sustainable future. We combine economic success with environmental protection and social responsibility. The approximately 122,000 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 six segments: Chemicals, Materials, Industrial Solutions, Surface Technologies, Nutrition & Care and Agricultural Solutions. BASF generated sales of around €63 billion in 2018. BASF shares are traded on the stock exchange in Frankfurt (BAS) and as American Depositary Receipts (BASFY) in the U.S. Further information at www.basf.com.