

News Release

BASF launches 1,4-Dioxane Online Calculator for personal care formulators in North America

FLORHAM PARK, NJ, May 18, 2020 – BASF has launched its new [1,4-Dioxane Online Calculator](#), which will allow personal care formulators to determine the 1,4-Dioxane content in their formulas. The tool is accessible from both desktop and mobile devices and recommends alternative BASF ingredients to bring the total 1,4-Dioxane value of the formulation to less than 1ppm.

“This tool will assist our partners in complying with regulations ahead of the 2022 and 2023 deadlines,” said Daniele Piergentili, Vice President, BASF Home & Personal Care, North America. “It is a testament to our commitment to support the growth of our customers by providing digital tools that ultimately support faster formulation decisions.”

[S4389B](#), a New York state law signed in December 2019, prohibits the sale of personal care products and household cleaning products containing more than 2ppm 1,4-Dioxane, as well as cosmetics products containing more than 10ppm 1,4-Dioxane by the end of 2022. For personal care and household cleaning 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.

To allow for full formulation flexibility, in addition to the BASF product offering and recommendations, the 1,4-Dioxane Online Calculator allows inclusion of non-BASF

ingredients if the 1,4-Dioxane level in them is identified. Formulators are also able to place sample requests for BASF ingredients directly from the calculator.

Explore the 1,4-Dioxane Online Calculator [here](#).

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 globally leading supplier for the cosmetics industry as well as the detergents and cleaning 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, UV filters and enzymes. 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 18,800 employees in North America and had sales of \$18.4 billion in 2019. For more information about BASF's North American operations, visit www.basf.com/us.

At BASF, we create chemistry for a sustainable future. We combine economic success with environmental protection and social responsibility. The more than 117,000 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 more than €59 billion in 2019. 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.