

MEDIA RELEASE

Clariant launches 100% bio-based surfactants range driving the transition towards renewable carbon

- Range of Vita surfactants & polyethylene glycols (PEGs) fully based on bio-based, renewable carbon from plants
- Contributing to the removal of fossil carbon from the value chain and helping to save up to 85% of CO₂ emissions per ton of product compared to their fossil counterparts
- Chemically equivalent to the fossil versions, offering the same best-in-class performance and efficiency to industrial & consumer segments. Double-digit kilotons available for worldwide market in Q1, 2022
- Vita products a key milestone in Clariant's new purpose-led strategy of accelerating sustainability-driven innovation and its vision to achieve "Greater chemistry – between people and planet"

MUTTENZ, FEBRUARY 2, 2022

Driving change. Clariant today unveils its new Vita 100% bio-based surfactants and polyethylene glycols (PEGs) to help directly address climate change by helping remove fossil carbon from the value chain.

As our climate gives us increasing and alarming signals of change, individuals and industries are looking for ways to reduce their environmental footprints, and the demand for bio-based chemicals is set to grow strongly in the coming years. Clariant is committed to fostering the transition to a more sustainable bioeconomy and has a growing share of bio-based products and processing aids in its portfolio.

The introduction of 100% bio-based surfactants and PEGs significantly expands Clariant's Vita designated ingredients. Vita products are based on renewable feedstocks and have at least 98% Renewable Carbon Index (RCI). It is just one example of its commitment to provide low carbon footprint solutions to customers and to Greater Chemistry – between people and planet.

"From the packaging to the many ingredients, a typical consumer product in coatings, personal care, home care, industrial, and agricultural applications still uses petrochemicals and therefore fossil carbon," said Christian Vang, Global Head of Business Unit Industrial & Consumer Specialties, Clariant. "Switching to bio-based carbon chemistry remains a big challenge for manufacturers and by launching the Vita surfactant and PEG range we are offering them an important new solution to achieve this."

Designed for natural formulations targeting a high Renewable Carbon Index (RCI), the new Vita products support manufacturers in maximizing the bio-based carbon content of consumer goods such as detergents, hair and body shampoo, paint, industrial lubricants, and crop formulations.

Clariant uses 100% bio-ethanol derived from sugar cane or corn to create the ethylene oxide for its innovative new surfactants and PEGs. The bio-based material is fully segregated along the value chain from the field to the final consumer product.

Because only bio-based feedstocks are used, the ingredients have significantly lower carbon footprints than their fossil-based counterparts. The Vita surfactants are CO₂ emissions savers: they can help save up to 85% of CO₂ emissions¹ compared to their fossil analogues.

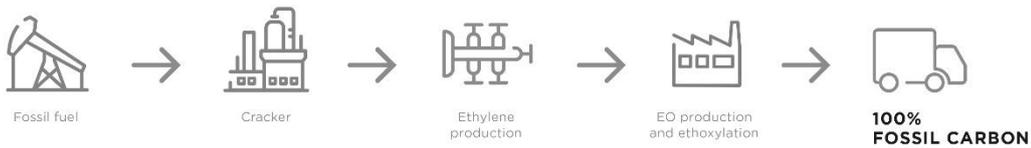
Importantly, in addition to setting the standard in a greener production, these new solutions are chemically equivalent to Clariant's fossil versions, offering the same performance and efficiency to formulators and brand owners. Customers can currently benefit from more than 70 bio-based products, and the range will continue to be expanded to meet evolving market needs. In Q1 2022, double-digit kilotons of the bio-based surfactants and PEGs will be available for the worldwide business segments from Clariant IGL Specialty Chemicals (CISC), a Clariant joint venture.

As one of the global leader in specialty chemicals, and a member of the UN Global Compact, Clariant is at the forefront of advanced carbon solutions with a unique level of expertise, know-how and industry knowledge. Find out more about the new Vita range of surfactants for natural formulations or discover how Clariant is part of driving change in a changing world through its companywide [sustainability strategy](#).

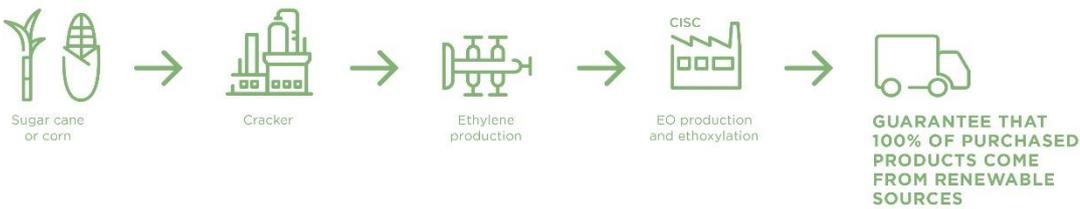
Join the discussion at our virtual event! This March 3, 2022, gain key insights from industry experts on the sustainable transformation to a low-carbon economy. Guest presenters Aleya Smith-Gillespie from the Carbon Trust, Michael Carus from nova-Institute and Thomas Kolster, Mr Goodvertising, will set the stage for a round table discussion, followed by breakout sessions. [Click here to register](#) and reserve your place.

¹ Based on EO estimative

FOSSIL VALUE CHAIN
From oil well to pipeline



SEGREGATED VALUE CHAIN
From sugar cane or corn to the VITA range of bio-based non-ionic surfactants



The Vita range is produced at a fully segregated site, and from the field to the final product, all material flows are kept separate from fossil-based flows.

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Clariant is a focused, sustainable and innovative specialty chemical company based in Muttenz, near Basel/Switzerland. On 31 December 2020, the company employed a total workforce of 13 235. In the financial year 2020, Clariant recorded sales of CHF 3.860 billion for its continuing businesses. The company reports in three business areas: Care Chemicals, Catalysis and Natural Resources. Clariant's corporate strategy is led by the overarching purpose of 'Greater chemistry – between people and planet' and reflects the importance of connecting customer focus, innovation, sustainability, and people.

Press release and photography can be downloaded from www.clariant.com or www.PressReleaseFinder.com.