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PureCycle Makes First Commercial Shipment to Milliken to Advance Sustainability

IRONTON, OH / ACCESSWIRE / November 7, 2023 [/PureCycle Technologies, Inc.](https://www.purecycletechnologies.com)

(NASDAQ:PCT), today, sent out a commercial shipment of Ultra-Pure Recycled ("UPR") resin to Milliken & Company, a diversified manufacturer with expertise in polymer additive and colorant technology. This delivery of UPR resin will allow Milliken to trial the industry's first fully sustainable concentrate for polypropylene ("PP").

Last year, PureCycle and Milliken announced the new sustainable, odorless concentrate for PP at the K Show in Düsseldorf, the world's largest trade fair for the plastics industry. Typically, even fully recycled products are stabilized with traditional additive packages built with fossil-based PP, leaving the final consumer product blend with less than 100% recycled polyolefin content. This Milliken-designed concentrate will allow consumers to be confident that their products can be made with 100% recycled polyolefins. As an added benefit, customers and brand owners using the concentrate may be able to obtain certified energy savings and carbon emission reductions compared to traditional methods.

PureCycle CEO Dustin Olson said, "As the world continues to seek more recycled content in their products and packaging, this concentrate will allow businesses to deliver fully circular solutions to their consumers. Our technical partnership with Milliken will help make that happen." Olson added, "We continue to work in lockstep with their team, and I look forward to growing this consumer solution with them."

Wim Van de Velde, global vice president of plastics additives for Milliken, said, "We understand all of the hard work that's been put into the facility in Ironton, and it is incredibly exciting to have a shipment of UPR resin on the way. We know that this concentrate will enable the production of 100% recycled content consumer goods. It makes using recycled polypropylene an attractive, no-compromise option as it can be used in various applications and provides them the same high quality as virgin PP and has crystal clear clarity."

In addition to quality and clarity, PureCycle's recycling process uses less energy and releases fewer carbon emissions than virgin plastic production. Using pre-production modeling data from the commercial facility design, an independent Life Cycle Assessment (LCA) found that PureCycle's process could reduce greenhouse gas emissions by as much as 35% and utilize approximately 80% less energy when compared to fossil-fuel-derived polypropylene manufacturing.

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About Milliken

Milliken & Company is a global manufacturing leader whose focus on materials science delivers tomorrow's breakthroughs today. From industry-leading molecules to sustainable innovations, Milliken creates products that enhance people's lives and deliver solutions for its customers and communities. Drawing on thousands of patents and a portfolio with applications across the textile, specialty chemical, flooring and healthcare businesses, the company harnesses a shared sense of integrity and excellence to positively impact the world for generations. Discover more about Milliken's curious minds and inspired solutions at milliken.com and on [Facebook](#), [Instagram](#), and [LinkedIn](#).

About PureCycle Technologies

PureCycle Technologies LLC., a subsidiary of PureCycle Technologies, Inc., holds a global license for the only patented solvent-driven purification recycling technology, developed by The Procter & Gamble Company (P&G), that is designed to transform polypropylene plastic waste (designated as No. 5 plastic) into a continuously renewable resource. The unique purification process removes color, odor, and other impurities from No. 5 plastic waste resulting in an ultra-pure recycled (UPR) plastic that can be recycled and reused multiple times, changing our relationship with plastic. www.purecycle.com

Forward-Looking Statements

This press release contains forward-looking statements, including statements about the outcome of any legal proceedings to which PureCycle is, or may become a party, and the financial condition, results of operations, earnings outlook and prospects of PureCycle. Forward-looking statements generally relate to future events or PureCycle's future financial or operating performance and may refer to projections and forecasts. Forward-looking statements are often identified by future or conditional words such as "plan," "believe," "expect," "anticipate," "intend," "outlook," "estimate," "forecast," "project," "continue," "could," "may," "might," "possible," "potential," "predict," "should," "would" and other similar words and expressions (or the negative versions of such words or expressions), but the absence of these words does not mean that a statement is not forward-looking.

The forward-looking statements are based on the current expectations of the management of PureCycle and are inherently subject to uncertainties and changes in circumstances and their potential effects and speak only as of the date of this press release. There can be no assurance that future developments will be those that have been anticipated. These forward-looking statements involve a number of risks, uncertainties or other assumptions that may cause actual results or performance to be materially different from those expressed or implied by these forward-looking statements. These risks and uncertainties include, but are

not limited to, those factors described in the section entitled "Risk Factors" in each of PureCycle's Annual Report on Form 10-K for the fiscal year ended December 31, 2022 and PureCycle's Quarterly Reports on Form 10-Q, those discussed and identified in other public filings made with the Securities and Exchange Commission by PureCycle and the following:

- PCT's ability to obtain funding for its operations and future growth and to continue as a going concern;
- PCT's ability to meet, and to continue to meet, applicable regulatory requirements for the use of PCT's UPR resin (as defined below) in food grade applications (including in the United States, Europe, Asia and other future international locations);
- PCT's ability to comply on an ongoing basis with the numerous regulatory requirements applicable to the UPR resin and PCT's facilities (including in the United States, Europe, Asia and other future international locations);
- expectations and changes regarding PCT's strategies and future financial performance, including its future business plans, expansion plans or objectives, prospective performance and opportunities and competitors, revenues, products and services, pricing, operating expenses, market trends, liquidity, cash flows and uses of cash, capital expenditures, and PCT's ability to invest in growth initiatives;
- the ability of PCT's first commercial-scale recycling facility in Lawrence County, Ohio (the "Ironton Facility") to be appropriately certified by Leidos (as defined below), following certain performance and other tests, and commence full-scale commercial operations in a timely and cost-effective manner;
- PCT's ability to meet, and to continue to meet, the requirements imposed upon it and its subsidiaries by the funding for its operations, including the funding for the Ironton Facility;
- PCT's ability to complete the necessary funding with respect to, and complete the construction of, (i) its first U.S. multi-line facility, located in Augusta, Georgia (the "Augusta Facility"); (ii) its first commercial-scale European plant located in Antwerp, Belgium and (iii) its first commercial-scale Asian plant located in Ulsan, South Korea, in a timely and cost-effective manner;
- PCT's ability to sort and process polypropylene plastic waste at its plastic waste prep ("Feed PreP") facilities;
- PCT's ability to maintain exclusivity under the Procter & Gamble Company ("P&G") license (as described below);
- the implementation, market acceptance and success of PCT's business model and growth strategy;
- the success or profitability of PCT's offtake arrangements;
- the ability to source feedstock with a high polypropylene content at a reasonable cost;

- PCT's future capital requirements and sources and uses of cash;
- developments and projections relating to PCT's competitors and industry;
- the outcome of any legal or regulatory proceedings to which PCT is, or may become, a party including the securities class action case;
- geopolitical risk and changes in applicable laws or regulations;
- the possibility that PCT may be adversely affected by other economic, business, and/or competitive factors, including rising interest rates, availability of capital, economic cycles, and other macro-economic impacts;
- turnover or increases in employees and employee-related costs;
- changes in the prices and availability of labor (including labor shortages), transportation and materials,

including significant inflation, supply chain conditions and its related impact on energy and raw materials, and PCT's ability to obtain them in a timely and cost-effective manner;

- any business disruptions due to political or economic instability, pandemics, armed hostilities (including the ongoing conflict between Russia and Ukraine and the current situation in Israel);
- the potential impact of climate change on PCT, including physical and transition risks, higher regulatory and compliance costs, reputational risks, and availability of capital on attractive terms; and
- operational risk.

SOURCE: PureCycle Technologies, Inc.

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