

PRODUCT STEWARDSHIP POLICY 2022

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OVERVIEW

This policy outlines Danimer's commitment to and actions toward creating an environmentally-friendly product that allows our customers to reach their sustainability goals. This policy, first published in March 2023 is reviewed periodically and as needed by our Chief Marketing and Sustainability Officer with approval from the Board of Director's Nominating and Governance Committee.



COMMITMENT STATEMENT

Globally, over 800 billion pounds of plastic are produced each year. We believe that Nodax® polyhydroxyalkanoate (“PHA”) based resins are an excellent replacement for commercial plastics created with synthetic polymers derived from petroleum. We believe that PHA is a competitive replacement for polypropylene, polyethylene, polystyrene, and polyethylene terephthalate plastics. These plastics represent approximately 63% of traditional petroleum-based plastic worldwide, so there is potential for PHAs to replace over 500 billion pounds of plastic applications annually.

Danimer Scientific is a pioneer in creating more sustainable, more natural ways to make plastic products compared with petroleum-based plastics. For more than a decade, our renewable biopolymers have helped create plastic products that are 100% biodegradable and compostable. Our technology can be found in a vast array of plastic products that people use every day. Applications for our biopolymers include additives, aqueous coatings, fibers, thermoforming, films, and injection-molded articles, among others. Danimer holds more than 480 granted patents and pending patent applications in nearly 20 countries for a range of manufacturing processes and biopolymer formulations.

We believe there is increasing demand for biodegradable and compostable materials, as well as materials that facilitate greater safety for the public and the environment. According to The Global Commitment 2021 Progress Report, businesses and governments are actively driving the elimination of the most commonly identified problematic plastic packaging. Danimer has joined more than 100 other businesses and 17 governments across 5 continents to promote transparency and consistency of data sharing on plastic alternatives to tackle plastic pollution at its source.

We also demonstrate leadership in our industry through our memberships and affiliations:

Alternative Fuels & Chemicals Coalition (AFCC)
Board representation

Biodegradable Products Institute (BPI)
Board representation

Plant Based Products Council

U.S. Plastics Pact
Activator



In 2021, Danimer helped launch U.S. Plastic Pact's Roadmap to 2025 and committed to helping achieve four circular economy targets. We join other stakeholders across the plastics value chain in our shared goal of accelerating progress toward these 2025 targets by inspiring and

supporting upstream innovation through coordinated initiatives such as rethinking products, packaging, and business models to transition away from today's take-make-waste model to a circular economy where plastics never become waste.

Roadmap to 2025 Targets:

- Define a list of packaging to be designated as problematic or unnecessary and take measures to eliminate them by 2025.
- Make 100% of plastic packaging reusable, recyclable, or compostable by 2025.
- By 2025, undertake ambitious actions to effectively recycle or compost 50% of plastic packaging.
- By 2025, ensure the average recycled content or responsibly sourced bio-based content in plastic packaging is a minimum of 30%.

Launched in August 2020, the U.S. Plastics Pact is a consortium led by The Recycling Partnership and World Wildlife Fund (WWF) as part of the Ellen MacArthur Foundation's global Plastics Pact Network, which unites a holistic ecosystem of cross-industry stakeholders behind a common vision and national strategy to address plastic waste at its source by 2025.

OUR PRODUCT

We believe PHA-based resins are an excellent replacement for non-renewable, non-biodegradable commercial plastics that today are created with synthetic polymers derived from petrochemicals. Our goal is to build a commercially successful biopolymer business to produce bioplastic products at scale that are based on the unique properties of our PHA biopolymers.

Danimer is a leading producer of PHA, which occurs naturally in living organisms and is chemically similar to polyesters. Our PHA biopolymers are formulated to meet various biodegradability requirements and standards. Our PHA is also U.S. Food and Drug Administration (FDA) approved for food contact and will biodegrade aerobically or anaerobically in soil, water, home and industrial compost. Since 2020, Danimer has produced PHA-based resins made with our proprietary Nodax® for use in a wide variety of applications such as straws, containers, and films. Nodax® is a biodegradable and renewable plastic input currently produced using canola oil as a primary feedstock.

Danimer also is in the process of working on various applications for the use of Rinnovo, a poly(3-hydroxypropionate) or p(3HP), a type of PHA, as a newer secondary product that can be sourced from renewable or non-renewable feedstocks. We believe that Rinnovo™ is highly complementary to Danimer's inputs and can be incorporated as a component in certain Danimer resins. Rinnovo has different properties and attributes than our signature Nodax® input: Nodax® has strong performance and biodegradability properties, making it possible to be used across diverse end-use applications, while Rinnovo™ has improved barrier properties and is a lower-cost non-fermented input. By incorporating Rinnovo™ into Danimer's customer solutions, Danimer anticipates being able to meet an even broader range of customer needs, and expects to be able to produce its resins at a substantially lower cost.

OUR PRODUCT (CONT.)

Additionally, by blending these inputs, Danimer can reduce the amount of fermentation required in the production of its resins.

Our renewable biopolymers in neat form have the advantage in the marketplace of being both biobased and biodegradable while having comparable functional properties to petroleum-based polymers. Our products may be certified for both biodegradability and composting. We obtain such certifications from recognized certifying bodies for our base products. As customers purchase products for a specific use, the customer typically obtains an updated certification covering the customer's manufacturing specifications which can range from home and industrial compostability to marine degradability.



OK compost INDUSTRIAL

Packaging or products bearing the OK compost INDUSTRIAL label are guaranteed to be biodegradable in an industrial composting plant. This applies to all of their components, inks and additives. The sole reference point for the certification program is the harmonized EN 13432: 2000 standard: in any event, any product bearing the OK compost INDUSTRIAL logo complies with the requirements of the EU Packaging Directive (94/62/EEC).



OK compost HOME

On account of the comparatively small volume of waste involved, the temperature in a garden compost heap is clearly lower and less constant than in an industrial composting environment. Composting in the garden is therefore a more difficult, slower-paced process. TÜV AUSTRIA's innovative answer to this challenge is the OK compost HOME certification system to guarantee complete biodegradability in the light of specific requirements, even in your garden compost heap.



OK biodegradable SOIL

Biodegradability in the soil offers huge benefits for agricultural and horticultural products because they can be left to break down in situ after use. The OK biodegradable SOIL label guarantees that a product is completely biodegradable in the soil with no adverse effects on the environment.



OK biobased

Unlike an LCA (Life Cycle Assessment), the investigation method behind the OK biobased certification is very simple and the exact value can be precisely and scientifically measured by the C14 method and calculated. This makes checks and re-checks very transparent and also allows "apples to be compared with apples" with the greatest of ease.



OK biodegradable MARINE

In view of the fact that the majority of marine debris is land-based, marine biodegradability is an added value to any product or packaging, regardless of where it is consumed. There will always be a chance that it will eventually end up at sea. Suppliers who invest in adding this functionality to their products or packaging should have the opportunity of having this information verified according to international standards – though without encouraging the consumer to litter at sea or anywhere else.



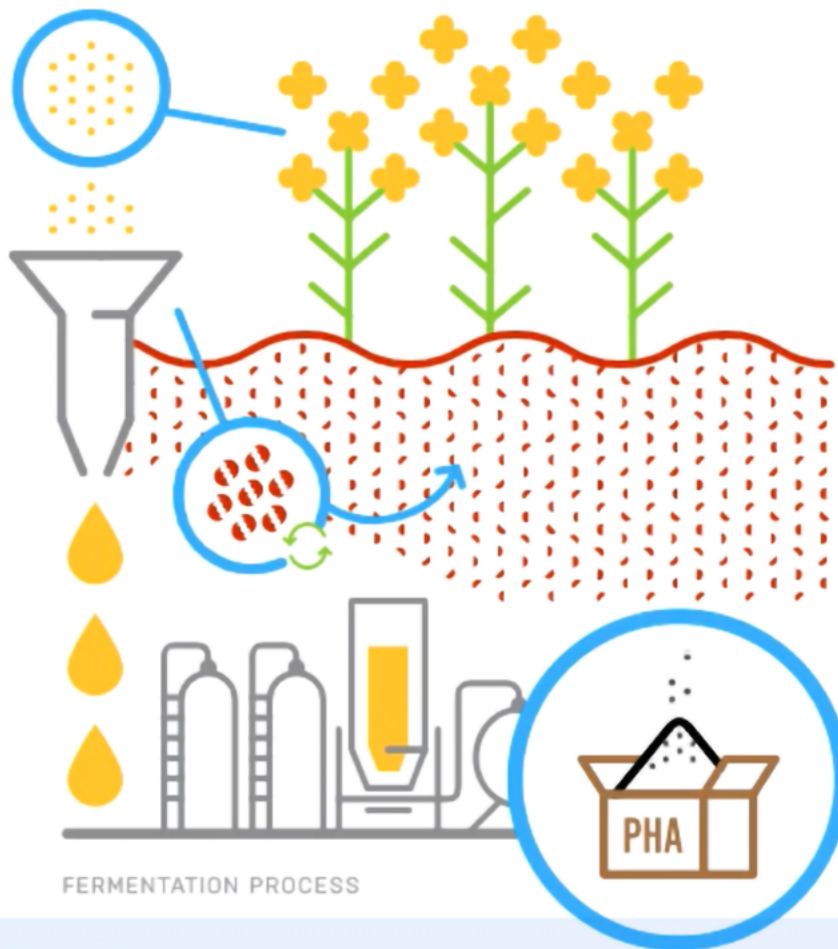
BPI Compostable

The BPI Certification Mark indicates third-party verification of compostability for manufacturers and brand owners to use on products and packaging and for consumers, end-users, and composters to use when determining whether or not a product or package is compostable. BPI is the only third-party verification of ASTM standards for compostable products in North America.

OUR PRODUCT (CONT.)

Fermentation Process

We use a fermentation process to produce our polymers which involves the use of relatively few chemicals. Danimer never tests on animals as it is both against our business ethics and unnecessary for our products' development.



Canola seeds are harvested.

Seeds are crushed, yielding high quality oil.

Byproducts from crushing process are used for fertilizer and livestock feed.

Soil bacteria makes PHA in a controlled fermentation environment

100% biodegradable PHA results from separation, purification and drying.

PRODUCT LIFE CYCLE

Danimer Scientific wants to enable people and communities to benefit from sustainable, environmentally friendly products that decompose seamlessly, leaving behind no harmful footprint.

As a leader in the biotechnology industry, we're making that goal a reality. Thanks to our groundbreaking work, plastic products intended for short-term use are now being made with our biodegradable and compostable polymers. Our product was designed with the intent to solve traditional plastic life cycle challenges – our keen attention to the life cycle of our product is core to our mission.

Suppliers

Our operations depend upon obtaining adequate supplies of raw materials on a timely basis, in particular PLA and canola oil. Although some of these raw materials have limited sources of supply, we have developed strategic relationships with key suppliers for these products and generally have commitments or contracts from these suppliers to meet current and projected needs. Commodities such as canola oil are readily available from numerous suppliers. Accordingly, we believe that we will be able to procure the necessary quantity and quality of raw materials needed to manufacture our products.

Our suppliers are our partners and a key input to achieving innovation and success with our customers. We source from suppliers who align with our values of quality, collaboration, and sustainability. Therefore, we aim to work with a smaller number of suppliers that are committed to our long-term vision and journey toward replacing traditional single-use plastics. In our business relationship, our suppliers agree to comply with our Supplier Code of Conduct which outlines supplier expectations for ethics, environmental management, labor practices and safety. We select our suppliers carefully and consider ESG factors such as geographic location and various other risk factors.

We follow the largest U.S. trade preference program, Generalized System of Preferences (GSP), to inform the best trading partners for our business. Our primary suppliers produce feedstock for our fermentation process. The majority of our supplier spend is allocated to sourcing vegetable and plant-based oils, the largest ingredient in the production of PHA. We rely mostly on canola oil, which has a lower carbon footprint than other oils in the market. We are always looking for sustainable inputs for our technology and are considering expanding the use of high-oleic soybeans and distillers corn oil (a byproduct of ethanol production) from the U.S. that provide increased functionality and improved shelf life for applications across the food and manufacturing industries.

We aim to have 100% of our feedstock suppliers operate in North America. We are continuously exploring feedstock options that are local, sustainable, and viable for our production process. Our suppliers primarily are mature companies that have robust internal sustainability management systems, policies, and programs to protect their farmers, land, and the environment. Over 97% of our materials come from suppliers that have sustainability policies and programs. In our supply chain, sustainability and efficiency go hand in hand. Our engineers try to reduce the total number of materials in the production of PHA and drive out materials that may have better alternatives.

PRODUCT LIFE CYCLE (CONT.)

Packaging and Logistics

Packaging and shipping for our product is designed to be intentionally practical for transportation and able to be re-used and recycled. We package PHA pellets in pallets made up of over 80% recycled materials and absent of labeling or branding to allow for easy re-use or recycling by our customers.

Our customers' sustainability goals are the primary drivers of our packaging and logistics decisions. We share a common interest in developing the most sustainable packaging solutions and collectively work towards a more circular economy. We improve our designs and processes to be more sustainable and efficient while still creating opportunities for revenue and cost savings. We are always seeking circular opportunities; for example, where we have excess feedstock, we can sell this material back to biofuel companies to use as an input in their production process.

End of Life

Our greatest challenge and strength is the ability to make products to meet customer specifications. We want all end products to fulfill their function while biodegrading in a timely manner. Our products focus on practical performance on an industrial scale. PHA's physical properties make it able to perform while still meeting our customers sustainability preferences of a short end-of-life. It is also highly customizable. We work to achieve several end-of-life scenarios, such as managed composting, industrial composting, and marine biodegradability and take pride in our BPI and TUV certifications. We can consider the factors for these different scenarios in the design of the product and as a result shorten or reduce the time frame in which some products biodegrade over others. As a consumer, you would not want your plate to fall apart as you are using it, so a plate may take longer to biodegrade than a thin film coating on a paper straw. Our goal is always making our products highly customizable without compromising performance.



OUR SAFETY SYSTEM

Our primarily bio-based manufacturing process utilizes fermentation, which has a comparatively higher level of safety when compared with the traditional plastic manufacturing process. For example, our fermentation process relies on room temperature water as opposed to hot water and normal atmospheric pressure. The process is mostly naturally occurring and automated, so employees are not typically required to operate heavy machinery. Even so, Danimer is deeply committed to a culture of safety and preparedness that protects the health of our teams, subcontractors, customers, community, and environment.

We continually improve our processes, demonstrate leadership, and promote comprehensive safety to encourage a culture centered around the safety of our team and environment. We expect all teammates to adhere to our safety standards and actively participate in and support the advancement of our health and safety practices. We view safety as everyone's responsibility and have created a comprehensive Danimer Scientific Safety System (DSS) that empowers our team to advance and sustain our safety culture.

Danimer sets safety expectations during initial employee interviews and emphasizes the importance of working safely with teammates during new hire intake and onboarding. Each new hire is given a thorough overview of the immediate life safety concerns and emphasis on compliance to safety standards is continued during employment. All contractors, visitors, third-party vendors, and temporary teammates are also required to adhere to and abide by standard safety rules of conduct.

Oversight

Danimer Scientific provides the resources to keep an active Safety Steering Committee (SSC). Each SSC member represents a different department and commits to serve on the SSC for a period of 12 months as a departmental safety liaison to the steering committee. The SSC member is expected to be mindful of risks/hazards in the department they represent and to report any conditions that will need improvement. SSC members conduct monthly walkthroughs and report safety discrepancies for correction. Work orders are submitted for those items needing to be corrected and these are tracked.

Job Hazard Analyses

Job Hazard Analyses are conducted for tasks as needed. Each analyzed job results in a written document providing specific guidelines relating to teammates on associated hazards for each task within that job. The analysis includes considerations for methods and personal protective equipment (PPE) that may be needed to perform the task safely.

OUR SAFETY SYSTEM (CONT.)

Safety Inspections and Case Management

Routine inspections and audits for safety compliance programs are conducted as needed, daily, weekly, monthly, quarterly, and annually.

If an incident occurs, Danimer has a formal response structure. The case management process addresses three primary concerns:

- *injured teammate's care,*
- *incident investigation to identify and enable removing root causes of incidents, and;*
- *managing regulatory related situations with incidents.*

While this response structure is seldom utilized due to the rarity of such safety incidents, Danimer sees emergency preparedness as a core pillar of our safety culture.



CHEMICALS MANAGEMENT

Our manufacturing process removes the need for many hazardous chemicals. Nevertheless, Danimer is committed to responsibly managing all chemicals that are used at our facilities and ensuring the safety of our team and environment.

Resource Conservation and Recovery Act (RCRA)

Danimer Scientific practices “cradle to grave” responsibility when handling chemicals and their waste by-products. Our chemical waste management protocols are provided for in Section 8 of the Chemical Hygiene Plan. Protocols are in place to protect teammates when managing chemical wastes. Procedures for chemical identification, handling and storage, labeling, and disposal of chemical wastes/management are covered in this plan.

Chemical Hygiene Plan

It is the policy of Danimer Scientific to provide a safe and healthy workplace in compliance with OSHA regulations including the “Laboratory Standard” referenced above. A link to the full OSHA Laboratory Standard and Appendices is included in Part I. Section 4.1. of this Chemical Hygiene Plan. This plan, which is located with the Safety Data Sheets (SDS) at the Danimer locations, and can be accessed from the shared server, applies to all laboratories of Danimer Scientific and all personnel who supervise or work in these labs.

Hazard Prevention, Identification, Communication, and Process Safety Management

To prevent the release of hazardous chemicals, Danimer conducts Pre-Start Safety Reviews for projects before equipment is commissioned for use. A review team is established, and an assessment is conducted to determine if a wide range of categories are either OK, Not OK, or N/A to the project. A master corrective action list is produced from this assessment, responsible individuals for the corrective action are assigned, and the equipment is commissioned/started up after all the assessment items are addressed and signatures of review leadership are obtained.

In the event that a hazard is identified, our Process Safety Management analytical tool is used for preventing the release of highly hazardous chemicals (as defined by OSHA). Hazardous chemicals include toxic, reactive, explosive, and highly flammable liquids and gases. It is a comprehensive management tool that aims to decrease the number and severity of incidents relating to highly hazardous chemical releases. PSM standards are established by a combination of federal and national standards, directives and their interpretations, integrated technology, organizational and operational procedures, management practices, design guidance, compliance programs, and other similar methods.

OUR REGULATORY COMPLIANCE

Regulation by government authorities in the United States and other countries is a significant factor in the production and marketing of our products and our ongoing R&D activities. To research, develop, and manufacture products for our customers and ultimately for consumer use, we must satisfy applicable mandatory procedures and standards established by various regulatory bodies. Compliance with these standards is complex, and failure to comply with any of these standards can result in significant consequences.

Some applications for which our biopolymers may be suitable, such as food packaging, PHA-coated paper cups, and drinking straws, involve food contact, which is regulated by the U.S. Food and Drug Administration (“FDA”) in the U.S., and Nodax® has been cleared for use in food-contact applications by the FDA. The PHA polymer is also contained on positive lists for food-contact in the European Union, India, and Japan. We are in the process of seeking further regulatory approvals necessary to sell and produce our products based on local requirements in various jurisdictions worldwide, and we are prepared to seek additional such approvals as may become necessary in the ordinary course of business.

SDG Alignment

PRODUCT

Our ability to provide highly customizable solutions at scale are a result of operational excellence, close customer collaboration, and investment in research and innovation.

