

Glyclean™ D
Clean & Disinfect

Safe, Responsible, and Reliable Disinfecting: Chemours Glyclean™ D Meets All of Today's Demands

It used to be that the need to disinfect was reserved for a handful of settings in which sterile environments were critical, such as hospitals and labs. But today—for reasons we are all too aware of—a thoroughly disinfected environment is a requirement in every workplace, business, school, recreational center, public venue and home. Moreover, the productivity and profitability of these places depend on it. Lastly, compared to a few decades ago, when it was generally acceptable to “use a chemical that eliminates most germs,” the demands placed on disinfectants are significantly elevated. Today, a disinfectant must quickly and thoroughly remove the “enemy,” which comprises a vast and highly varied group of bacteria and viruses. But the entire process of development—from the labs to the end user—creates a network of challenges that must be met for a disinfecting product to be successful in the marketplace. Chief among these challenges are remaining compliant with national and global environmental regulations; offering compatibility with a business’s budget, growth, and sustainability goals; handling the strain that labor shortages put on cleaning crews; providing comprehensive safety attributes for the user; performing up to today’s rigorous standards for quick, thorough removal of viruses and bacteria; and satisfying a modern consumer who “wants it all” in their products—choice, effectiveness, natural ingredients, convenience, and environmental efficacy.



Respected as the “sustainable disinfectant for Europe,” the **Chemours Glyclean™ D** family of disinfecting products checks off all the boxes, offering a nonflammable, VOC-exempt (volatile organic compound), antimicrobial raw material that kills bacteria and viruses. Glyclean™ D products are highly effective—as disinfectants and as solutions for business—because they are based in glycolic acid, nature’s preservative and protector. Drawing on 90 years of experience in managing and running large-volume glycolic acid processes and providing a variety of reliable solutions, Chemours manufactures molecules for Glyclean™ D in a highly efficient process to create a glycolic acid that is identical to the glycolic acid found in nature. Glyclean™ D products can be used in formulations for EU National Registrations. Moreover, Chemours is the only glycolic acid supplier that has or is pursuing registrations globally. In addition to EU Biocidal Product Regulations (BPR) and GB BPR registrations, Chemours has registrations with the U.S. EPA, Canada, and Korean BPR. Lastly, the BPR registration’s provision for a transition process supporting registering new formulations helps ensure that using Glyclean™ D-based formulas will have long-term regulatory stability.



In terms of performance, Glyclean™ D is a disinfecting powerhouse, using its small molecular size and dual acid-alcohol functionality to kill a wide range of Gram-positive and Gram-negative bacteria, as well as large, small, enveloped, and nonenveloped viruses. Furthermore, due to its duality of action, Glyclean™ D dramatically minimizes microbial resistance. Glyclean™ D formulation also enables one-step cleaning and disinfecting. By eliminating the need to clean surfaces before disinfecting, Glyclean™ D products provide a critical benefit during a time when labor shortages are requiring smaller workforces to do more jobs and achieve extremely high cleanliness levels, under greater scrutiny than ever. Finally, Chemours is the only glycolic acid manufacturer with a dedicated technical service group offering customer support with formulation, analytics, and regulatory requirements.

As global environmental initiatives continue to intensify and concerns about epidemics and pandemics remain ingrained in every community, disinfectants will face more and more challenging demands. The ability to meet these demands lies in resilient products like Glyclean™ D that are formulated to evolve with the world around us.