



Specialty Chemicals

Enabling eye care development
and manufacturing



Entegris is your partner in delivering innovative specialty chemicals to develop and provide advanced optical materials for enhancing vision.

We are a leader in the development of advanced materials for the eye care industry. We successfully help customers overcome advancing optical new product development and technical challenges.

We offer specialty monomers and custom additives for use in contact lens and intraocular lens (IOL) formulations. We also develop and supply advanced materials for lens development, pilot scale-up for launch, and kilogram to multi-ton volumes for annual commercial production.

We deliver best-in-class materials and value, reliable high quality and analytical expertise, and excellent customer service to meet your development and supply chain needs. Through customer collaboration, and leveraging global state-of-the-art chemical synthesis, manufacturing, and analytical resources, we help you achieve your project objectives.

BROAD YET SPECIALIZED PRODUCT PORTFOLIO

With broad capabilities unmatched by the competition, we are a proven, trusted partner. We are uniquely positioned to provide eye care solutions such as acrylate, siloxanes, and other chemistries for soft and rigid contact lens and IOL lens applications. We also offer a variety of high-quality standard and customized materials for use as monomers, cross-linkers, UV blockers, and other functional additives for lens formulations.

We can engineer additional properties onto the siloxane backbone with different functional groups – acrylates, methacrylates, fluorinated compounds – that can control molecular weight, crosslinking, and product viscosity; or provide some other mechanical attribute for the medical device such as stiffness, tear strength, refractive index, and hydrophilicity. We can provide custom formulations and purities based on your patented or proprietary processes and technologies.



ACRYLATES AND METHACRYLATES

These chemical agents are used as building blocks in the manufacturing of copolymers in many medical device applications. Diverse characteristics such as transparency, flexibility, toughness, and hardness, make them ideal for use in ophthalmic applications. Fluorinated chemistries are available for specific eye care applications. These unique compounds play a critical role in formulations and product performance.

SILOXANES

The hydrophobicity, low thermal conductivity, and high flexibility properties of siloxanes make them versatile for many medical device applications. Our siloxanes are used extensively in contact lenses such as silicone hydrogels, which increase oxygen permeability, and in implantable devices such as intraocular lenses.

COMMITMENT TO RESEARCH AND DEVELOPMENT

We have a global infrastructure that includes strategically placed manufacturing sites, R&D facilities, and customer support centers. With continuous investment in local R&D and support, our highly skilled team members, facilities, and resources are right where you need them to help you solve your most advanced technology challenges.



MANUFACTURING CAPABILITIES

Our broad solutions portfolio and ability to continually innovate new technologies are results of our commitment to manufacturing excellence and our deep knowledge of materials science and analytics, microcontamination control, and our understanding of our customers' processes and process challenges.

- ISO9001 and 14001 certifications (International Standards for Quality and Environmental Management, respectively) with annual reviews from BSI since 1999
- Excellent track record as a qualified supplier and quality audit performance with rigorous processes and change control to support customers across multiple medical device segments
- Demonstrated expert capabilities with complex chemistry development (hazardous and sensitive chemistries), scale-up, and packaging from R&D to multi-ton production
- Superior analytical competency and equipment including NMR, GC, GC-MS, KF, HPLC with chiral capabilities, ICP-MS

PROVEN QUALITY AND PERFORMANCE

We have a relentless commitment to operational excellence. In our pursuit to be the best performing operational platform in our market, we have aligned our quality systems to eye care industry requirements and provide capabilities to meet/exceed customer expectations.

Our corporate Entegris Quality Operational System (EQOS), which exceeds most international standards, supports our specialty chemicals business and provides the following:

- Partnering ability to meet your change control needs
- Collaboration on completion of required documentation and information for the CMC section of regulatory filings including TSE, BSE and Country of Origin statements, and audit surveys
- Flexible and welcoming schedule for regulatory audits
- Commitment to continuous and safe operator training and adherence to standard operating procedures

LIMITED WARRANTY

Entegris' products are subject to the Entegris, Inc. General Limited Warranty. To view and print this information, visit [entegris.com](https://www.entegris.com) and select the [Legal & Trademark Notices](#) link in the footer. Entegris does not warranty any failure in the case of customers using unapproved foreign components.

FOR MORE INFORMATION

Please call your Regional Customer Service Center today to learn what Entegris can do for you. Visit [entegris.com](https://www.entegris.com) and select the [Contact Us](#) link to find the customer service center nearest you.

TERMS AND CONDITIONS OF SALE

All purchases are subject to Entegris' Terms and Conditions of Sale. To view and print this information, visit [entegris.com](https://www.entegris.com) and select the [Terms & Conditions](#) link in the footer.

LEARN MORE

Entegris offers creative and innovative [specialty chemical solutions](#) to propel your business forward and to meet critical milestones. Please [contact us](#) to discuss your chemical requirements including specifications, custom synthesis, and packaging and delivery logistics.

In addition to providing specialty chemicals used to advance [eye care](#) development, we proudly support rapidly growing [medical device](#) companies with specialized materials for use in implantable devices, medical ultrasound, and dental and wound care devices. View our complete portfolio of [life sciences solutions](#) designed to enable the next generation of therapies.



Corporate Headquarters
129 Concord Road
Billerica, MA 01821
USA

Entegris®, the Entegris Rings Design®, and other product names are trademarks of Entegris, Inc. as listed on [entegris.com/trademarks](https://www.entegris.com/trademarks). All third-party product names, logos, and company names are trademarks or registered trademarks of their respective owners. Use of them does not imply any affiliation, sponsorship, or endorsement by the trademark owner.

©2022 Entegris, Inc. | All rights reserved. | Printed in the USA | 9000-12276ENT-0922