

aquarius™ control film coating systems

film coating systems for your unique release profile

key features and benefits

aquarius™ control ENA film coating systems

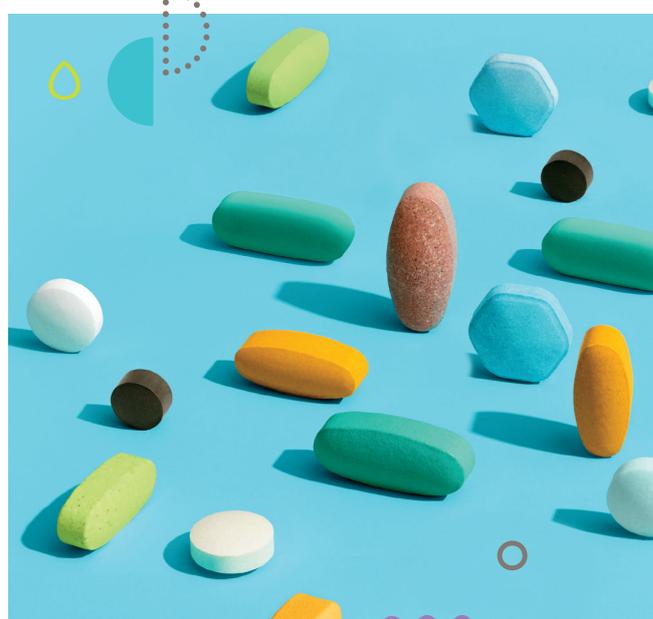
- protection of active pharmaceutical ingredients (APIs) that degrade in gastric fluid
- prevention of the API release that may irritate the gastric mucosa
- provision of stable dissolution profiles over a wide pH range
- production of stable release profiles over periods of up to 12 months

aquarius™ control SRX film coating systems

- solvent-dispersible ethylcellulose coatings for multiparticulates, potentially modified with hydroxypropylcellulose as a pore former
- variable porosities can be matched to active pharmaceutical ingredient solubility and/or desired release profile
- produces coatings that do not require curing after application

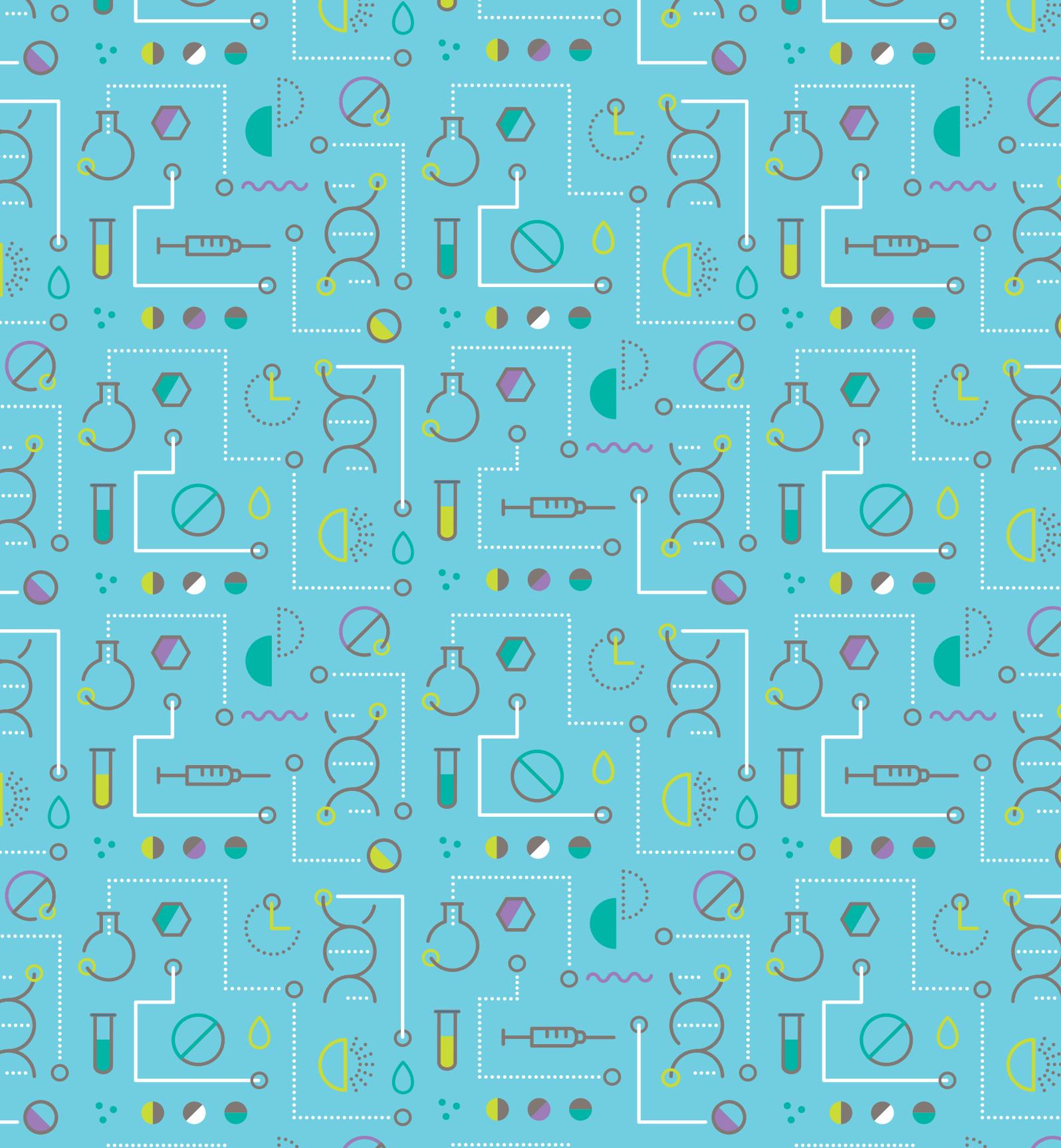
aquarius™ control ECD film coating systems

- supports a solvent and ammonia free coating process
- reduces environmental impact and improves product safety by eliminating use of hazardous solvents in film coating process
- compatible with a broad range of plasticizers
- easy to clean after coating
- reproducible drug release results
- multifunctional: controlled release, taste masking, and moisture protection



description

The Aquarius™ Control film coating systems consist of three types of coatings. Aquarius™ Control ENA film coating systems are delayed-release (enteric) coatings based on methacrylic acid copolymer that are designed to protect active pharmaceutical ingredients (APIs) that degrade in gastric fluid, or to prevent the release of APIs that may irritate the gastric mucosa. Aquarius™ Control SRX film coating systems are sustained-release coatings for APIs that are most effective when released over time. Aquarius™ Control ECD is an aqueous dispersion of ethyl cellulose polymer for achieving controlled release, taste-masking, and moisture protection by forming a water insoluble film.



regional centers

North America

Wilmington, DE USA
Tel: +1 877 546 2782

Europe

Switzerland
Tel: +41 52 560 55 00

India

Maharashtra
Tel: +91 22 61489696

Asia Pacific

Singapore
Tel: +65 6775 5366

Middle East, Africa

Istanbul, Turkey
Tel: +00 90 216 538 08 00

Latin America

Mexico
Tel: +52 55 52 76 6121

ashland.com/contact

® Registered trademark, Ashland or its subsidiaries, registered in various countries

™ Trademark, Ashland or its subsidiaries, registered in various countries

© 2019, Ashland / PHA20-106

The information contained in this brochure and the various products described are intended for use only by persons having technical skill and at their own discretion and risk after they have performed necessary technical investigations, tests and evaluations of the products and their uses. Certain end uses of these products may be regulated pursuant to rules or regulations governing medical devices, drug uses, or pesticidal or antimicrobial uses. It is the end user's responsibility to determine the applicability of such regulations to its products.

All statements, information, and data presented herein are believed to be accurate and reliable, but are not to be taken as a guarantee of fitness for a particular purpose, or representation, express or implied, for which seller assumes legal responsibility. No freedom to use any patent owned by Ashland, its subsidiaries, or its suppliers is to be inferred.