

**Title:** Regulations Pertaining to Hand and Surface Sanitizers in the U.S. Market and a High-Level Review of Relevant ASTM International Standards

**Date and Time:** 18 August 2021 – 2:30 PM EEST/7:30 AM EDT

**Presenters:**

- [Mary Czaplicki, M.S.](#) – Senior Scientist, Research and Development Microbiology Group, GOJO Industries, Inc
- [Lisa Hellickson](#) – Lead Microbiologist, Ecolab
- [S. Steve Zhou, PhD](#) – Director of Virology, Microbac Laboratories

**About the Session**

This presentation will focus on two aspects of sanitizers. First, it will offer a review of the regulatory requirements for sanitizers in the U.S.-based marketplace. The experts will share information on hand sanitizers and surface sanitizers, the relevant regulatory bodies, and permissible claims. Second, high-level overviews of ASTM standards related to in-vitro kill tests against bacteria and viruses and in-vitro surface/sanitizer standards will be featured. Other standards will be reviewed to provide a comprehensive profile of commonly used in-vitro tests. This information sets the foundation for a more detailed review of the standards during a subsequent session if warranted. ASTM standards featured in this program include:

- ASTM Standard Test Methods E2783-11(2016) for Assessment of Antimicrobial Activity for Water Miscible Compounds Using a Time-Kill Procedure
- ASTM Standards Guide E2315-16 for Assessment of Antimicrobial Activity Using a Time Kill Procedure
- ASTM Standard Test Method E1153-14<sup>e1</sup> for Efficacy of Sanitizers Recommended for Inanimate, Hard, Nonporous Non-Food Contact Surfaces
- ASTM Standard Practice E2362-15 for Evaluation of Pre-saturated or Impregnated Towelettes for Hard Surface Disinfection
- ASTM Standard Practice E1052-20 to Assess the Activity of Microbicides Against Viruses in Suspension
- ASTM Standard Practice E1053-20 to Assess Virucidal Activity of Chemicals Intended for Disinfection of Inanimate, Non-porous Environmental Surfaces

**Learning Objectives**

- Understand which regulatory agency is responsible for sanitizer applied for different end uses and the respective regulatory requirements
- Know the differences in claims that manufacturers are permitted to make for skin and surface sanitizers
- Gain high-level knowledge of ASTM and other standards related to in-vitro kill tests against bacteria and viruses and in-vitro surface/sanitizer standards and the principal similarities and differences.
- Obtain fundamental knowledge of the key standards in preparation for a subsequent in-depth training.

**Who Should Attend?**

- Manufacturers of sanitizer products
- Government authorities that regulate public health and the provision of protective products for healthcare and the general public
- Laboratories involved in testing sanitizer products
- Individuals involved in procuring sanitizer products for various end-users and end-uses
- Individuals engaged in the development of standards for the manufacture and evaluation of sanitizers

Would you like to ask a question? Please direct your question to: [GlobalCooperation@astm.org](mailto:GlobalCooperation@astm.org).