

Triclosan

Triclosan is a chemical compound with **antibacterial and antifungal properties** that has been widely used in personal hygiene products such as soaps, toothpaste, deodorants, and cosmetics, as well as in some industrial and textile products.

Properties and Uses - Acts as a **broad-spectrum antimicrobial agent**. - Used in **antibacterial soaps, hand sanitizers, and toothpaste** to reduce or prevent bacterial contamination. - Found in **plastics, textiles, and household items** to prevent bacterial growth.

Health and Environmental Concerns - Some studies suggest that **triclosan may contribute to antibiotic resistance**. - It has been linked to **hormonal disruptions** in animal studies. - Can accumulate in the environment, affecting **aquatic life**.

Regulations - The **FDA banned triclosan in over-the-counter antibacterial soaps** in 2016 due to lack of evidence on long-term benefits. - Still allowed in some products like **toothpaste**, where it has been shown to help reduce plaque and gingivitis.

Triclosan-Containing Sutures

[Triclosan-Containing Sutures.](#)

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