

# Bisphenol A-An Overview on its Effect on Health and Environment †

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**Abstract:** Bisphenol A (BPA) is an organic material used to produce polycarbonate plastics and epoxy resins, which are further used to make different plastic bottles and containers for packaging, storage, and consumption of foods. The possible leaching of BPA from the packaged food products can cause migration to humans through the consumption of such foods. BPA is commonly known as primary endocrine disruptors that can mimic estrogen hormone action, thereby disrupting the normal estrogenic endocrine function. There are reports on the adverse health effect of BPA on human health as well as in our environment. In this review, we have discussed the use of BPA in dairy products, the detection methods of BPA in foods, and how it affects the health and environment.

**Keywords:** Bisphenol A; BPA toxicity; endocrine disrupter; dairy products; BPA detection.

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## Conflicts of Interest

The authors declare no conflict of interest.