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Risk Assessment of Flame Retardants in Consumer Products

Guest Editor:

Dr. Michael A. Babich

Director, Division of Toxicology &
Risk Assessment, U.S. Consumer
Product Safety Commission,
Rockville, MD, USA

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Message from the Guest Editor

The potential health risks from flame-retardant chemicals (FRs) in consumer products are a topic of growing academic and public interest. FRs are used to meet mandatory or voluntary flammability standards for products such as apparel, home furnishings, building materials, and electronics. FRs are associated with numerous health effects, including cancer, developmental neurotoxicity, and endocrine effects. Consumer products are an important source of FR exposure. Further, because many OFRs are semi-volatile compounds (SVOCs), FR exposure does not require direct contact with the product. SVOCs migrate into air and adsorb onto suspended particles, settled dust, and surfaces. Despite the abundance of studies on FR toxicity and exposure, few comprehensive risk assessments of FRs in consumer products have been published.

This Special Issue is devoted to the risk assessment of FR chemicals in consumer products. It welcomes research articles and reviews on the toxicity of FR chemicals, their occurrence in consumer products and the indoor environment, human exposure, epidemiology, and risk assessment.



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Special Issue



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Editor-in-Chief

Dr. Demetrio Raldúa

Department Environmental
Chemistry, IDAEA-CSIC, Jordi
Girona 18, 08034 Barcelona,
Spain

Message from the Editor-in-Chief

Toxics (ISSN 2305-6304) is an international, peer-reviewed, open access journal which provides an advanced forum for studies related to all aspects of toxic chemicals and materials. We aim to publish high quality work that furthers our understanding of the exposure, effects, and risks of chemicals and materials in humans and the natural environment as well as approaches to assess and/or manage the toxicological and ecotoxicological risks of chemicals and materials. Please consider publishing in *Toxics* when preparing your next paper.

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Contact Us

Toxics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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