

Gradient



NEWS ALERT

California Releases Green Chemistry Draft Regulation for Safer Consumer Products

On June 23, 2010, the California Department of Toxic Substances Control (DTSC) released the Green Chemistry Draft Regulation for Safer Consumer Products which remain open for public review and comment until July 15, 2010. Applicable to any consumer product available in California, the regulations were drafted to significantly reduce adverse impacts to public health and the environment of chemicals used throughout the entire lifecycle of consumer products.

According to the regulations, DTSC will prepare an initial list of Chemicals of Concern (COC) as well as a list of Products of Concern, which will be made available for public review and comment. Manufacturers with products on the finalized list will be required to perform an alternatives assessment.

This assessment must address a variety of environmental factors including air quality, ecological, waste and end-of-life disposition, water quality and soil quality impacts. In addition, the assessment must also evaluate toxicity and toxicological endpoints under a wide range of exposure durations and pathways including acute or chronic toxicity, carcinogenicity, developmental and reproductive toxicology, and endocrine disruption.

If a manufacturer does not select an alternative formulation and DTSC informs them that a feasible alternative exists, the manufacturer may face regulatory responses (*e.g.*, the prohibition of sales of the product for up to two years, restrictions on use of the COC, and implementation of a Green Chemistry research and development program).

Gradient is well-suited to assist you in conducting an alternatives assessment. With over 25 years of experience, our scientists have expertise evaluating a wide array of green chemistry issues. A highlighted list of our expertise includes:

- Toxicology
- Contaminant Fate and Transport
- Human Health and Ecological Risk Assessment
- Exposure Assessment
- Endocrine Disruption

For more information on Gradient's Green Chemistry Services, contact:

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Gradient is an environmental and risk science consulting firm renowned for our specialties in Toxicology, Epidemiology, Risk Assessment, Product Safety, Contaminant Fate and Transport, and Environmental Chemistry. We employ sound science to assist national and global clients in resolving their complex problems relating to chemicals in the environment, in the workplace, and in consumer products.