

Balancing Community Health and Industry Objectives

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The ever-changing regulatory and federal standards set by the EPA and other organizations are creating a large impact on chemical manufacturing. The Environmental Protection Agency (EPA) maintains jurisdiction under the Toxic Substances Control Act (TSCA) to enforce regulations structured to impart information regarding the health and safety of individuals, environmental impacts, and exposure thresholds of chemical substances. Flame retardants are among the chemicals assessed and restricted, most recently isopropyl phenyl phosphate. Isopropyl phenyl phosphate is a flame retardant/lubricant utilized in various industries. This presentation will examine the ramifications of stricter regulations as they apply to the flame retardant industry. The development of new, greener technology is fundamental in advancing the chemical manufacturing process. Federally imposed regulations for chemicals can be an inconvenience but are essential for the continued health and safety of humans and the environment.