

69401.1 Hazard Trait Framework

This Chapter and its components reflect a framework for organizing information on chemical hazards for use by the Department in implementing Health and Safety Code section 25252 et seq. This Chapter provides a structure for relating scientific information to the hazard traits, and general guidance on whether or not a given chemical exhibits a hazard trait based on the scientific evidence. The framework is organized around four major categories of hazard traits: toxicological, environmental, exposure potential and physical. Beneath each of these are specific hazard traits, the major toxicities and adverse characteristics of chemical substances. The toxicological and environmental hazard traits are manifested as endpoints, which are the kinds of adverse health and environmental effects observed in scientific studies. Other relevant data are also included for the toxicological and environmental hazard traits. These data can be observed through scientific study and provide less-direct but useful evidence of the potential presence of a hazard trait. For exposure potential and physical hazard traits, data from scientific studies can also be used to determine the presence or absence of the hazard trait. A non-exclusive list of additional relevant data that may be useful in evaluating chemicals is provided in Article 7.