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Title 22@ Social Security

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Division 4.5@ Environmental Health Standards for the Management of Hazardous Waste

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Chapter 54@ Green Chemistry Hazard Traits, Toxicological and Environmental Endpoints and Other Relevant Data

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Article 3@ 3. Other Toxicological Hazard Traits

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Section 69403.12@ Neurotoxicity

## **69403.12 Neurotoxicity**

### **(a)**

The neurotoxicity hazard trait is defined as the occurrence of adverse effects, following exposure to a chemical substance, on the structure or function of the central or peripheral nervous system, such as neurochemical, neurophysiological, or behavioral effects.

### **(b)**

Toxicological endpoints for neurotoxicity include, but are not limited to those indicating: pathological changes in the central or peripheral nervous systems; abnormal electrical activity of the central or peripheral nervous systems; altered neurochemical synthesis, storage, secretion or uptake; impairments in neuromuscular control; mood disorders; behavioral changes; impaired cognition including IQ decrements.

### **(c)**

Other relevant neurotoxicity data include but are not limited to: in vitro indicators of neurotoxicity in isolated nervous system cells; structural or mechanistic similarity to other chemical substances that are neurotoxic.