

69403.10 Nephrotoxicity and Other Toxicity to the Urinary System

(a)

The nephrotoxicity hazard trait is defined as the occurrence of adverse effects on the structure or function of the kidney and other components of the urinary system following exposure to a chemical substance.

(b)

Toxicological endpoints for nephrotoxicity and other urinary system toxicity include, but are not limited to those indicating: abnormal urine volume or chemistry; abnormal blood chemistry; alterations in glomerular filtration rate or tubular re-absorptive capacity; pathological changes to the kidney; formation of calculi in the ureter or bladder; muscular or epithelial damage in the urinary bladder.

(c)

Other relevant data include, but are not limited to: in vitro indicators of nephrotoxicity; structural or mechanistic similarity to other chemical substances that are nephrotoxic.