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Tetrachlorodibenzodioxin

National Cancer Institute

Source

National Cancer Institute. *Tetrachlorodibenzodioxin*. NCI Thesaurus. Code C864.

2,3,7,8-Tetrachlorodibenzo-p-dioxin which is often referred to simply as dioxin and is the reference for a number of compounds which are similar structurally and have dioxin-like toxicity. A substance extremely toxic to mammals, with a wide variation in sensitivity among species. Longer-term exposure of test mammals to lesser amounts can affect reproduction, cause birth defects, damage the liver and suppress the immune system. Several studies suggest that exposure to TCDD increases the risk of several types of cancer in people. Animal studies have also shown an increased risk of cancer from exposure to TCDD. The WHO and the USA DHHS have determined that TCDD is a human carcinogen. (NCI)