

Px 2166 Part of MX 3418

The toxic effects produced by PCDDs and PCDFs vary quantitatively and qualitatively among different species. Within a given species, the effects produced by the toxic PCDD and PCDF isomers are similar to those of 2,3,7,8-TCDD, differing mainly in the intensity of toxic effect. In all laboratory animals the lethal effect is slow and ensues days or weeks after a single dose. p.25

The Yusho cases provide our only data on the human toxicity of PCDFs. Yusho disease was caused by ingestion of rice oil accidentally contaminated with PCDFs, PCBs, and polychlorinated quaterphenyls; as such it is difficult to separate the effects of the various toxic principles. The clinical symptomatology of the Yusho cases is presented in Table 10. The Yusho oil was clearly fetotoxic. There is as yet no data on the carcinogenic potential of PCDFs in man. p 34

MONSANTO EXHIBIT 3418, Investigation of health status of Monsanto employees at Krummrich Plant at Sauget, Illinois.

By Dr. Webster, et al (October, 1985)