PCB Contamination in Taiwan

C.-W. Huang ,Department of Chemistry, Chung Yuan Christian University, Chung-Li, TAIWAN,32023 Rep. of Chian

At 1979, people lining in the middle region in Taiwan, in took the rice-branoil which had been contaminated by PCBS and caused a great calamity in health, the poisoned people about 2,000, that is as like as Japanes of Yusho Disease. We found that there are average 30-40 ppm of PCBS in these contaminated oils, and the poisoned peoples hair contened 0.2-0.5 ppm of PCBS, and blood also contented 11-720 ppb of PCBS. Now they blood contented 0.41-14.9 ppb of PCBS.

The PCBS residues in river waters are 0.01-11.62 ppb, also in sediments are 7.0-120.9 ppb. The fishes contented are 4.0-150.1 ppb of PCBS.

PCB electrical equipment and other meterials with PCB in storage at the Taiwan about 44,500 or about 2,000 t.