TABLE 2.

ORAL TOXICITY OF CHLORINATED BIPHENYLS.

Chlorine %	Chlorine atoms	Animal	Dose	Effect
42	3	Guinea Pig	69 mg/animal 2 doses 1 week apart	Death in 11-29 days. Liver damage. (Miller, 1944) (53)
42	3	Rat	139 mg/animal 25 daily doses	All animals survived. Liver damages. (Miller, 1944) (53)
65	7	Rat	50 mg/animal every second day	50% dead within 35 days. Severe liver damages. (Bennett, et al., 1938).(54)

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EXHIBIT 20

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TABLE 3.

DERMAL TOXICITY OF CHLORINATED BIPHENYLS.

Chlorine		Animal	Dose	Effect
%	atoms			
42	3	Guinea pig	34.5 mg/daily over 11 days	All animals died within 21 days. Liver damage. Miller, 1944) (53)
42	3	Rat	34.5 mg/daily over 25 days	All survived. Minor liver changes. Skin affected. (Miller, 1944) (53)
42	3	Rabbit	86 mg/day with 2-day intervals for 7 applications and 172 mg/day with 2-day intervals for 8 applications	All died between 17 and 98 days. Liver damages more pronounced than in rat or guinea pig. (Miller, 1944) (53)

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TABLE 4

VAPOR EXPOSURE TOXICITY OF CHLORINATED BIPHENYLS.

Chlorine %	Chlorine atoms	Concentration mg/m3	Concentration ppm	Daily exposure time (hours)	Exposure number	Exposure period (Days)	Symptoms
42	3	8.6	830	7	17	24	No effect on cats, rabbits, rats and mice. Poor growth in guinea pigs. (Treon, 1956) (55)
42	3	6.83	660	7	84	122	No effects on animals as above, Treon, 1956) (55)
54.3	5	5.4	410	7	83	121	Liver cell injury. Increased liver weight in the rat. (Treon, 1956) (55)
54.3	5	1.5	115	7	150	213	Histological changes in the liver in the rat. (Treon, 1956) (55)
65	7	0.57 0.93		16 8		37-134 42-143	Advancing liver damage. (Bennett, et al., 1938). (54)

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