

TABLE 1.—SUBCHRONIC, CHRONIC, AND OTHER TOXICITY

Guideline No.	Study Type	MRID No. (year)/Classification/Doses	Results
870.3100	90-Day oral toxicity rats	42770219 (1993) Acceptable/guideline 0, 150, 300, 600, 900, 1,200 ppm 0, 11.7, 24.1, 48.4, 72.5, 94.5 mg/kg/ day	NOAEL = 24.1 mg/kg/day LOAEL = 48.4, based on spongiform myelopathy in the brain and spinal cord of male rats, decreased body weight gain and increased relative liver weight in males and females, increased absolute liver weight in females, and decreased hemoglobin in females
870.3100	90-Day oral toxicity mouse	43492830 (1994) Acceptable/guideline 0, 40, 80, 160, 320 M: 0, 7.1, 14.8, 27.6, 62.6 mg/kg/day F: 0, 9.2, 19.3, 40, 78 mg/kg/day	NOAEL = 27.6/40, M/F LOAEL = 62.6/78, M/F, based on reduced body weights/body weight gains, and spongiform encephalopathy in both sexes
870.3150	90-Day oral toxicity dog	42770220 (1993) Acceptable/guideline 0, 60, 120, ≈247* ppm M: 0, 2.1, 3.9, 6.7 mg/kg/day F: 0, 2.2, 4.5, 6.8 mg/ kg/day *High dose animals received 300 ppm during days 1–15, 240 ppm during days 15–25, and 200 ppm during days 25–93	NOAEL = 3.9/4.5 mg/kg/day, M/F LOAEL = 6.7/6.8 mg/kg/day, M/F, based on emaciation, decreased body weight gains, and decreased food efficiency
870.3200	21/28-Day dermal toxicity rabbit	43492831 (1993) Unacceptable/guide- line due to incom- plete histopathological examination 0, 100, 400, 1,000 mg/kg/day	NOAEL = 100 mg/kg/day LOAEL = 400 mg/kg/day, for both sexes, based on changes in liver chemistry and morphology
870.3700	Prenatal develop- mental rat	42884202 (1993) Acceptable/guideline 0, 25, 75, 225 mg/kg/ day	Maternal NOAEL = 25 mg/kg/day Maternal LOAEL = 75 mg/kg/day, based on decreased body weight gain and relative food consumption during treatment Developmental NOAEL ≥225 mg/kg/day Developmental LOAEL = not identified
870.3700	Prenatal develop- mental rabbit	42770222 (1993) Acceptable/guideline 0, 5, 15, 30 mg/kg/ day	Maternal NOAEL = 5 mg/kg/day Maternal LOAEL = 15 mg/kg/day, based on decreased body weight gain during treatment Developmental NOAEL = 15 mg/kg/day Developmental LOAEL = 30 mg/kg/day, based on increased post implantation loss
870.3800	2-Generation repro- duction and fertility effects rat	43492836 (1994) Acceptable/guideline 0, 60, 300, 600 ppm Premating doses for P ₁ males/females: 0/0, 4.5/5.0, 22.2/ 24.5, 44/44.6 mg/ kg/day Premating doses for F ₁ males/females: 0/0, 4.4/5.1, 22.5/ 25.6, 44.6/50.7 mg/ kg/day	Parental systemic NOAEL = 4.4–4.5 mg/kg/day, M Parental systemic LOAEL = 22.2–22.5 mg/kg/day, M, based on decreased absolute body weight/body weight gains of P ₁ males during premating Offspring systemic NOAEL = 4.4–5.1 mg/kg/day Offspring systemic LOAEL = 22.2–25.6 mg/kg/day, based on decreased pup weights at weaning Reproductive NOAEL ≥44–50.7 mg/kg/day Reproductive LOAEL: not identified