

TABLE 1.—SUBCHRONIC, CHRONIC, AND OTHER TOXICITY—Continued

Guideline Number	Study Type	Results
870.3700	Developmental Toxicity (Gavage; corn oil vehicle) - Rat (1984)	Maternal Toxicity NOAEL = 0.88 mg/kg/day LOAEL = 1.77 mg/kg/day based on tremors during gestation. Developmental Toxicity NOAEL = 0.88 mg/kg/day LOAEL = 1.77 mg/kg/day based on increased fetal and litter incidence of hydronephrosis without nephrosis. Classification: Acceptable-Guideline
870.3700	Developmental Toxicity (Dietary) - Rat (2001)	Maternal Toxicity NOAEL = 7.1 mg/kg/day LOAEL = 15.5 mg/kg/day based on clinical signs and decreased food consumption, body weight gains, and body weight gains adjusted for gravid uterine weight. Developmental Toxicity NOAEL = 15.5 mg/kg/day LOAEL = not observed. Classification: Acceptable-Guideline
870.3700	Developmental Toxicity - Rabbit (1984)	Maternal Toxicity NOAEL = 2.36 mg/kg/day LOAEL = 3.5 mg/kg/day based on treatment-related head and forelimb twitching. Developmental Toxicity NOAEL = greater than 7 mg/kg/day LOAEL = not observed Classification: Acceptable-Guideline
870.3800	Multigeneration Reproductive Toxicity - Rat (1986)	Parental/Systemic Toxicity NOAEL = 3.0 mg/kg/day for females and 5.0 mg/kg/day for males LOAEL = 5.0 mg/kg/day for females, based on tremors and decreased body weight; not observed for males. Reproductive/offspring Toxicity NOAEL = not observed. LOAEL = not observed. Classification: Acceptable-Guideline
870.4100	Chronic Toxicity - Dog (1985)	NOAEL = 1.3 mg/kg/day (males and females) LOAEL = 2.7 mg/kg/day (males and females) based on increased incidence of tremors. Classification: Acceptable-Guideline
870.4300	Combined Chronic Toxicity/ Carcinogenicity - Rat (1986)	NOAEL = 3.0 mg/kg/day (females); 4.7 mg/kg/day (males) LOAEL = 6.1 mg/kg/day (females), based on increased incidence of tremors; 9.7 mg/kg/day (males), based on increased incidence of tremors. Carcinogenicity - No conclusive evidence of carcinogenic potential. Classification: Acceptable-Guideline
870.4200	Carcinogenicity - Mice (1986)	NOAEL = 6.7 mg/kg/day (males); 8.8 mg/kg/day (females) LOAEL = 25.6 mg/kg/day (males) and 32.7 mg/kg/day (females), based on increased incidence of tremors. Carcinogenicity - carcinogenic potential was evidenced by a dose-related increased in the incidence of leiomyosarcomas in the urinary bladder, a significant dose-related trend for combined hepatocellular adenomas and carcinomas in males, and a significantly higher incidence of combined lung adenomas and carcinomas in females. Classification: Acceptable-Guideline
870.6200	Acute Neurotoxicity - Rat	NOAEL = 35 mg/kg (32.8 mg ai/kg/day). LOAEL = 75 mg/kg (70.3 mg ai/kg/day) based on mortality (females only), clinical and functional operational battery (FOB) findings and differences in motor activity. Classification: Acceptable-Guideline
870.6200	Subchronic Neurotoxicity - Rat	NOAEL = 50 ppm (equivalent to 2.9 mg/kg/day in males and 3.7 mg/kg/day in females). LOAEL = 100 ppm (equivalent to 6.0 mg/kg/day in males and 7.2 mg/kg/day in females) based on neuromuscular findings (tremors, changes in grip strength and landing foot-splay). Classification: Acceptable-Guideline
870.3200	Dermal Toxicity - Rabbit	NOAEL = 88 mg ai/kg/day (males and females) LOAEL = 442 mg ai/kg/day (males and females), based on loss of muscle coordination and increased incidence of tremors.