

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

Guideline No.	Study Type	Results
870.3700	Prenatal developmental in rodents	<p>DPX-MP062 Maternal NOAEL = 2.0 mg/kg/day LOAEL = 4.0 mg/kg/day based on decreased mean body weights, body weight gains, food consumption. Developmental NOAEL = 2.0 mg/kg/day LOAEL = 4.0 mg/kg/day based on decreased fetal weights.</p> <p>DPX-JW062 Maternal NOAEL = 10 mg/kg/day LOAEL = 100 mg/kg/day based on mortality, clinical signs, and decreased mean body weights, body weight gains, and food consumption. Developmental NOAEL = 10 mg/kg/day LOAEL = 100 mg/kg/day based on decreased numbers of live fetuses/litter.</p> <p>DPX-JW062 Maternal NOAEL = 1.1 mg/kg/day LOAEL = 2.2 mg/kg/day based on decreased mean body weights, body weight gains, food consumption, and food efficiency. Developmental NOAEL = 1.1 kg/day LOAEL = 2.2 mg/kg/day based on decreased fetal body weights.</p>
870.3700	Prenatal developmental in nonrodents	<p>DPX-JW062 - rabbits Maternal NOAEL = 500 mg/kg/day LOAEL = 1,000 mg/kg/day based on slight decreases in maternal body weight gain and food consumption. Developmental NOAEL = 500 mg/kg/day LOAEL = 1,000 mg/kg/day based on decreased fetal body weights and reduced ossification of the sternebrae.</p>
870.3800	Reproduction and fertility effects	<p>DPX-JW062 Parental/Systemic NOAEL = 1.5 mg/kg/day LOAEL = 4.4 mg/kg/day based on decreased body weights, body weight gains, and food consumption of F<sub>0</sub> females, and increased spleen weights in the F<sub>0</sub> and F<sub>1</sub> females Reproductive NOAEL = 6.4 mg/kg/day LOAEL = 6.4 mg/kg/day Offspring NOAEL = 1.5 mg/kg/day LOAEL = 4.4 mg/kg/day based on decrease in the body weights of the F<sub>1</sub> pups during lactation.</p>
870.4100	Chronic toxicity rodents	<p>DPX-JW062 NOAEL = M 5, F 2.1 mg/kg/day LOAEL = M 10, F 3.6 mg/kg/day based on decr. body weight, body weight gain, and food consumption and food efficiency; decreased HCT, HGB and RBC at 6 months in F only. no evidence of carcinogenic potential</p>
870.4100	Chronic toxicity dogs	<p>DPX-JW062 NOAEL = M 2.3, F 2.4 mg/kg/day LOAEL = M 18, F 19 mg/kg/day based on decr. HCT, HGB and RBC; increased Heinz bodies and reticulocytes and associated secondary microscopic changes in the liver, kidneys, spleen, and bone marrow; increased absolute and relative liver weights.</p>
870.4200	Carcinogenicity rats	DPX-JW062 see 870.4100. No evidence of carcinogenicity
870.4300	Carcinogenicity mice	<p>DPX-JW062 NOAEL = M 2.6, F 4.0 mg/kg/day LOAEL = M 14, F 20 mg/kg/day based on decreased body weight, body weight gain, and food efficiency and clinical signs indicative of neurotoxicity. No evidence of carcinogenicity</p>
870.5100	Gene Mutation	<p>DPX-MP062 strains TA97a, TA98, TA100 and TA1535 of <i>S. typhimurium</i> and strain WP2(uvrA) of <i>E. coli</i> were negative for mutagenic activity both with and without S9 activation for the concentration range 10–5,000 µg/plate DPX-JW062 strains TA97a, TA98, TA100 and TA1535 of <i>S. typhimurium</i> and strain WP2(uvrA) of <i>E. coli</i> were negative for mutagenic activity both with and without S9 activation for the concentration range 10–5,000 µg/plate.</p>