Results of Testing

Chemical Name	CAS No.	Study Code/Type	Protocol/Guideline	Species	Exposure	Dose/Concentration	No. per Group	Results	Reference
C.I. Disperse Blue 79:1	3618-72-2	HEADME General metabolism	40 CFR 798.7100 (modified)	rats	oral (gavage)	50 mg/kg and 500 mg/kg	4/group/sex	Greater than 73% of the administered dose was excreted in the feces within the first 24 hr and an additional fecal fraction of 5-12% was excreted in the following 24 hr. Of the total initial C-14 dose given, a total of 88% in males and 85% in females for the 50 mg/kg dose, and 91% in males and 86% in females for the 500 mg/kg dose, was excreted in the feces by 96 hr post-dosing.	54 FR 48102; 10/11/91 OTS533201
C.I. Disperse Blue 79:1	3618-72-2	HEGTOXMUTA Sex linked recessive lethal assay	40 CFR 798.5275	*Drosophila*	Injection	0.3 µL	Not specified	The test substance was injected with approximately 0.3 µL at a concentration of 50 ppm in 1.9% DMSO and 0.1% Tween 80 carried in 0.7% aqueous saline. The test material was not toxic and no male sterility was induced. The sex-linked recessive lethal results show no differences between the treated samples and the negative controls. It was concluded that the test substance does not induce mutations in the post-meiotic germ cells of Drosophila melanogaster when administered by injection to adult males.	55 FR 50055; 12/04/90 OTS0529345
C.I. Disperse Blue 79:1	3618-72-2	HERTOXTERA Developmental toxicity	40 CFR 798.4900	rats	oral (gavage) in water or corn oil, gesta-tional day 6-15	5, 10 ml/kg/d	5/group	Maternal weight gain was decreased in the corn oil treated groups. Average fetal body weight/litter was reduced and percent malformed fetuses/litter was increased when corn oil was used as the vehicle in treated groups.	56 FR 2178; 1/22/91 OTS0529331
C.I. Disperse Blue 79:1	3618-72-2	HERTOXTERA Developmental toxicity	40 CFR 798.4900	mice	oral (gavage) in water or corn oil, gesta-tional d 6-15	5, 10 ml/kg/d	5/vehicle/dose	No maternal effects were noted. The percent malformed fetuses/litter was significantly increased in litters when corn oil was used as the vehicle in treated groups.	56 FR 2178; 1/22/91 OTS0529331
C.I. Disperse Blue 79:1	3618-72-2	HERTOXTERA Developmental toxicity	40 CFR 798.4900	rabbits	oral (gavage), 1/d on gestation day 6-18	0.0, 100.0, 300.0, 600.0 mg/kg/d	16 mated/group	Maternal toxicity at 300 and 600 mg/kg/day and a slight reduction in fetal body weight at 600 mg/kg/day. There was no evidence of teratogenicity at any dose tested. The "no observable adverse effect level" (NOAEL) for maternal toxicity was 300 mg/kg/day.	56 FR 24101; 5/29/91 OTS533199
C.I. Disperse Blue 79:1	3618-72-2	HESTOX Subchronic oral toxicity	40 CFR 798.2650	rats	oral (gavage), 5 d/wk for 90 days	250, 1250, 2500 mg/kg/d	10/group/sex	The only observation related to the test substance over the 90-day study were blue coloration of the skin and/or tail of some animals. There were no treatment-related alterations in any other observations or measurements in either sex at any dose. The no observable effect level (NOEL) was at least 2500 mg/kg/day.	56 FR 12202; 3/22/91 OTS0529333