

G037
Dichloromethane [75-09-2]

Results of Testing

Chemical Name	CAS No.	Study Code/Type	Protocol/Guideline	Species	Exposure	Dose/Concentration	No. per Group	Results	Reference
Dichloromethane	75-09-2	HECTOXCARC Carcinogenicity	National Toxicology Program (NTP)	F344/N rats	inhalation, 6 hr/d, 5 d/wk, 102 weeks	0, 1000, 2000, 4000 ppm	50 male, 50 female	There was some evidence of carcinogenicity in male rats as shown by an increased incidence of benign neoplasms of the mammary gland. There was clear evidence of carcinogenicity in female rats as shown by increased incidences of benign neoplasms of the mammary gland	NTP TR-306, January 1986
Dichloromethane	75-09-2	HECTOXCARC Carcinogenicity	National Toxicology Program (NTP)	B6C3F ₁ mice	inhalation, 6 hr/d, 5 d/wk, 102 weeks	0, 2000, 4000 ppm	50 male, 50 female	There was clear evidence of carcinogenicity in male and female mice, as shown by increased incidences of alveolar/bronchiolar neoplasms and of hepatocellular neoplasms.	NTP TR-306, January 1986
Dichloromethane	75-09-2	HERTOXTERE 2-Generation reproduction study (voluntary test)	Non-TSCA Protocol/Guideline (docket OPTS-42023)	rats	inhalation, 6 hr/d, 5 d/wk from 14 wk to age of weaning of F1 pups	0, 100, 500, 1500 ppm	30 male and female (F0 and F1)	Observations of the F0 and F1 animals included treatment-related decreased body weight in low-, mid-, and high-dose males, and in high-dose females. There were no treatment-related reproductive effects.	50 FR 1892; 5/3/85 OTS0206809