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DATA EVALUATION REPORT

STUDY TYPE: Teratology (rats)

TOX. CHEM. NO.: 320

MRID NO.: 48771 (#116483)

PROJECT NO.: LBI- 7286

TEST MATERIAL: 2,4-dichloropropionic acid; 96% pure (light brown, coarse powder with aromatic odor)

SYNONYMS: 2,4-DP

SPONSOR: AMCHEM Product, Inc.

TESTING FACILITY: Litton Bionetics

CITATION: Hart, E. R. (1973) Final Report: Teratology Study: LBI Project No. 7286. (Unpublished study received July 20, 1977, under 464-530; prepared by Litton Bionetics, submitted by Dow Chemical U.S.A., Midland, Mich.; CDL: 230877-A)

CONCLUSION: Groups of pregnant female rats were fed diets containing 2, 4-DP at concentrations of 0, 150, 450, and 1500 ppm from day 6 to day 15 of gestation. The results presented in this report are extremely limited, and adequate evaluation of the effects of 2,4-DP can not be carried out. The report has many serious deficiencies. (1) The report does not state the number and strain of the pregnant female rats used in this study. (2) The gravid uterus weight of each animal is not reported. (3) No individual animal data are presented. (4) No fetal weights are reported.

Although this study was previously reviewed and classified as a core-minimum study (Tox. Doc. No. 001995), at the present a study with the above deficiencies could only be considered as invalid. A detailed DER will not be prepared.

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