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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

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2/5/1984

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

MRID# 00119081

Study Type: Mutagenic

Study Title: Addendum to Dominant Lethal Study of
Acephate Technical (SX-1102). SOCAL Project No. 1718:
Diet Analyses

Accession No. None

Tox. Chem. No. 2A

Record No. 84995

Sponsor: Chevron Chemical Company, Richmond, California.

Testing Lab: Chevron Chemical Company, Agricultural Chemicals
Division, Research and Development Department, Richmond,
California.

Data of Final Report: September 14, 1982

Test Material: Technical acephate, (98.4% acephate).

Protocol: This submission details the gas chromatographic
procedure which was used in the analyses of diets for acephate
content. These diets were used in the dominant lethal study
with CD-1 mice (SOCAL 1718; 6/11/82), conducted during June
10, 1981 and August 19, 1981. Diet preparation and collection
and storing of samples for analyses are also described.

Results:

This submission contains raw data (handwritten reports
and samples of gas chromatographs) and summarized data with
regard to the acephate content in the abovementioned diets.
All of these data (other than the raw data), including the
preparation of diets and the collection of samples, have
already been incorporated in the main report of the study
itself (SOCAL 1718; 6/11/82). Although this report is dated
September 14, 1982 and that of the study itself is dated June
11, 1982, the raw data are dated June 16, 1981-July 7, 1981.
These dates do not, therefore, conflict with those during

which the dominant lethal study was conducted (June 10, 1981-
August 19, 1981). Samples of gas chromatographs were not
dated. Recoveries of added acephate ranged from 96.2 to 101%.

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Conclusions:

Raw data reported in this submission, which show acephate content of diets fed to the CD-1 mice in the dominant lethal study agree with those which appeared in the main report on that study (SOCAL 1718; 6/11/82; Tables 4 and 5).

Classification: Supplementary. These data should be considered together with those reported under SOCAL 1718, 6/11/82.

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