

MEMORANDUM

NOTE DE SERVICE

001064

6-24-80

RECEIVED	DATE
REFERENCE	REFERENCE
DATE	June 24, 1980.

IBT Number:

663-03477

Dated:

Aug. 8, 1973, Aug. 27, 1973.

Common Name of Compound: Chlorothalonil

Trade Name:

Bravo (Daconil) 6F

Petitioner:

Diamond Shamrock

Other studies under IBT #663-03477

1. Acute inhalation study of Bravo (Daconil) 6F.
2. Acute inhalation study of Dacthal
3. Twenty-one day sub-acute inhalation study of Dacthal.

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Mr. D.J. Clegg,
Head, Pesticides Section,
Toxicological Evaluation Division.

Pesticides Section,
Toxicological Evaluation Division.

June 24, 1980.

Validation of IBT Study on the Effects of 21-day Sub Acute
Inhalation of Bravo 6F (Chlorothalonil formulation) on Rats

General Comments:

There was correspondence dated Dec. 20, 1973, four months after the termination of the study, indicating that IBT intended to repeat the 21-day inhalation study on both Bravo 6F and on Dacthal.

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Validation of IBT Study on the Effects of 21-day Sub Acute
Inhalation of BRAVO 6F (Chlorothalonil formulation) on Rats

A. Audit:

1. Report IBT #663-03477 to Diamond Shamrock dated Aug. 8, 1973 and Aug. 27, 1973.
2. Date of Study: Started May 21, and terminated June 8, 1973.
3. Protocol: Not available.
4. Test material: Diamond Shamrock requisitioned (May 7, 8, 1973) 1/2 pint Bravo 6F to be sent to IBT. IBT received material May 11, 1973.
5. Animal suitability: Rats used in chronic study developed pneumonia due to technique (Microfiche 1 frame 9).

B. Validation:

A letter, dated Dec. 20, 1973, from Diamond Shamrock to Dr. Keplinger referred to a repeat of the 21-day sub acute inhalation of both Bravo 6F and Dacthal in rats. In addition a note from J.W.G. (1/14/73?) to Ken S also referred to a repeat study to be conducted and mentioned a pneumonic problem in the rats. The report dated Aug. 8, 1973 showed that 25/30 of the untreated controls (exposed to water aerosol) as well as 28/30 of lower and 28/30 of higher treatment groups had lung involvement. It appeared that either IBT or Diamond Shamrock invalidated the 21-day inhalation study and IBT intended to repeat this study.

General Comments:

There was correspondence dated Dec. 20, 1973, four months after the termination of the study, indicating that IBT intended to repeat the 21-day inhalation study on both Bravo 6F and on Dacthal.

G. Bennis.

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