

US EPA ARCHIVE DOCUMENT

DATA REVIEW FOR ACUTE ORAL TOXICITY TESTING (870.1100)

Product Manager: 22
MRID No.: 45049103

Reviewer: Eugenia McAndrew
Study Completion Date: January 20, 2000
Study No.: 8136

Testing Facility: Product Safety Labs
Author: George E. Moore, B.S.

Quality Assurance (40 CFR §160.12): Included

Test Material: GX-612/Equus DF; Lot #427-37; 85.94% Chlorothalonil; tan powder administered as a 50% suspension in distilled water

Species: Rat; albino, Sprague-Dawley derived

Age: Young adult

Weight (fasted): Males: 222-235 g; Females: 166-183 g

Source: Ace Animals, Inc., Boyertown, PA

Conclusion:

1. **LD₅₀ (mg/kg):**
Males: > 5000 mg/kg
Females: > 5000 mg/kg
Combined: > 5000 mg/kg
2. **The estimated LD₅₀ is** > 5000 mg/kg
3. **Tox. Category: IV** **Classification:** Acceptable

Procedure (Deviations from 870.1100): None

Results:

Dosage (mg/kg)	Number of Deaths/Number Tested		
	Males	Females	Combined
5000	0/5	0/5	10/10

Observations: All animals survived and gained weight during the study. All animals exhibited ano-genital staining, diarrhea, hunched posture, and/or soft feces by day 1. One male also had piloerection. All rats recovered by day 2.

Gross Necropsy: No gross abnormalities were observed.

1/1