

US EPA ARCHIVE DOCUMENT

DATA REVIEW FOR ACUTE DERMAL TOXICITY TESTING (870.1200)

Product Manager: 22
MRID No.: 45049104

Reviewer: Eugenia McAndrew
Study Completion Date: January 20, 2000
Study No.: 8137

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 applied as a dry paste (80% w/w mixture in distilled water)

Species: Rat; albino, Sprague-Dawley derived

Age: Young adult

Weight (fasted): Males: 261-311 g; Females: 207-246 g

Source: Ace Animals, Inc., Boyertown, PA

Dermal LD₅₀ Testing:

Conclusion:

1. **LD₅₀ (mg/kg):**
Males: > 2000 mg/kg
Females: > 2000 mg/kg
Combined: > 2000 mg/kg
2. **The estimated LD₅₀ is** > 2000 mg/kg
3. **Tox. Category:** III **Classification:** Acceptable

Procedure (Deviations from 870.1200): None

Results:

Dosage (mg/kg)	Number of Deaths/Number Tested		
	Males	Females	Combined
2000	0/5	0/5	0/10

Observations: All animals survived and gained weight during the study. "There were no signs of gross toxicity, adverse pharmacologic effects or abnormal behavior."

Gross Necropsy: No gross abnormalities were noted.

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