

US EPA ARCHIVE DOCUMENT

FORMULATION:			IA	IB	T	FW	EC	R		
% a.i.	SC#	CHEMICAL NAME	Validator:		Date:					
Technical		Permethrin PP557	R. Balcomb		Nov. 15, 1977					
			Test Type:							
			Acute 96-hr. LC50: Brook trout							
			Test ID # ES-G-2							

CITATION: Hill, R.W. et al. "Determination of the Acute Toxicity of PP557 to Brook Trout." ICI Report No. BL/B/1712 (March, 1977).

VALIDATION CATEGORY: *Supplemental*

RESULTS: The acute toxicity of PP557 to Brook Trout was studied at 13°C. The 96-hour LC50 (Geometric Mean Survival Period-Technique) was determined to be 0.0047 mg/L. The registrant later (10-25-77) submitted a recalculation (log/probit-method) that showed the (96-hr) LC50 to be 0.0039 mg/L (.0031-.0048, 95% conf. limits).

VALIDATION CATEGORY RATIONALE: This study was determined <sup>*Supplemental*</sup>  $\wedge$  for the following reasons: (1) Only one concentration level obtained partial mortality results, (2) Nominal concentrations were used in the LC50 calculations instead of the measured levels of toxicant.

CATEGORY REPAIRABILITY/RATIONALE: The study is not repairable-see item #1 above.

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