

R 310

End Use (EP) or Manufacturing Use (MP) product or Technical Grade of the Active Ingredient (TGAI). Must submit Group A and B product chemistry data for each proposed product.

Guideline No.	Group A: Product Chemistry Data Study Title	EP Data Submitted		MP Data Submitted		TGAI	
		Yes	No	Yes	No	Yes	No
830.1550	Product Identity & Composition						
830.1600	Description of materials used to produce the product						
830.1650	Description of formulation process						
830.1670	Discussion on the formation of impurities						
830.1700	Preliminary analysis						
830.1750	Certified limits (158.345)						
830.1800	Enforcement analytical method						

Guideline No.	Group B: Product Chemistry Data Study Title	EP Data Submitted		MP Data Submitted		TGAI	
		Yes	No	Yes	No	Yes	No
830.6302	Color						
830.6303	Physical State						
830.6304	Odor						
830.6313	Stability to normal and elevated temperatures metal and metal ions						
830.6314	Oxidation/Reduction (Chemical incompatibility)						
830.6315	Flammability						
830.6316	Explodability						
830.6317	Storage stability						
830.6319	Miscibility						
830.6320	Corrosion Characteristics						
830.6321	Dielectric Breakdown Voltage						
830.7000	pH						
830.7050	UV/ Visible Absorption						
830.7100	Viscosity						
830.7200	Melting Point						
830.7220	Boiling Point						
830.7300	Density						
830.7370	Dissociation Constant						
830.7550	Partition Coefficient						
830.7840	Water Solubility						
830.7950	Vapor Pressure						

Grayed out = data not required

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New products must either: 1) supply the product the 6 acute toxicity studies (listed below), or 2) provide a rationale for using another end use product's data. The rationale should explain how EPA can use acute toxicity data (guideline by guideline) from a currently registered pesticide product instead of submitting product specific data.

Guideline No.	Acute toxicity (6 pack) Study Title	Data submitted		Cited	
		Yes	No	Yes	No
870.1100	Acute Oral (LD50)				
870.1200	Acute Dermal (LD50)				
870.1300	Acute Inhalation (LC50)				
870.2400	Acute Eye Irritation				
870.2500	Acute Dermal Irritation				
870.2600	Dermal Sensitization				

Efficacy – which guideline is used depends on the proposed label use

Guideline No.	Study Title	Data submitted		Cited		Comments
		Yes	No	Yes	No	
810.3100	Soil Treatments for Imported Fire Ants					
810.3200	Livestock, Poultry, Fur and Wool-Bearing Animal Treatments					
810.3300	Treatments to Control Pests of Humans and Pets					
810.3400	Mosquito, Black Fly, and Biting Midge (Sand Fly) Treatments					
810.3500	Premises Treatments					
810.3600	Structural Treatments					
810.3800	Methods for Efficacy Testing of Termite Baits					