

Attachment 10

New Effective Components of Chemical Repellents for Humans and Toxicity Testing Products

Testing Items	Mandatory	Optional
(Acute toxicity testing)		
(Acute oral toxicity)	○	
(Acute dermal toxicity)	○	
(Acute inhalation toxicity)	○	
(Acute eye irritation)	○	
(Acute dermal irritation)	○	
(Dermal sensitization)	○	
(Acute neurotoxicity)		△
(Subchronic toxicity testing)		
(90-day feeding toxicity)	○	
(21-day dermal toxicity)		△
(90-day inhalation toxicity)		△
(90-day neurotoxicity)		△
(Chronic toxicity testing)		
(Long-term Chronic feeding toxicity)	○	
(Oncogenicity)	○	
(Two-Generation Reproduction Toxicity)	○	
(Teratogenicity)	○	
(Mutagenicity testing)		
<i>In vitro</i> mammalian cell chromosome assay	○	
Bacterial reverse gene mutation assay	○	
In vivo mammalian cell chromosome cytogenetics assay	○	
(Metabolism)		
(Metabolism in animal)	○	
(Metabolism in plant)		△
(Environmental fate studies)		
(Hydrolysis)	○	
(Photodegradation)	○	
(Metabolism in soil)	○	
(Metabolism in Aquatic)		△
(Accumulation studies)		△
(Nontarget organism toxicity)		
(Aquatic organism toxicity)	○	
(Avian toxicity)		△
(Honey bee acute contact toxicity)		△

△ Selective inspection tool: The toxic test data should be provided if the original manufacturer has it.