

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)	○ ○ ○ ○ ○ ○	Δ
(Subchronic toxicity testing) (90-day feeding toxicity) (21-day dermal toxicity) (90-day inhalation toxicity) (90-day neurotoxicity)	○	Δ Δ Δ
(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)	○	Δ
(Environmental fate studies) (Hydrolysis) (Photodegradation) (Metabolism in soil) (Metabolism in Aquatic) (Accumulation studies)	○ ○ ○	Δ Δ
(Nontarget organism toxicity) (Aquatic organism toxicity) (Avian toxicity) (Honey bee acute contact toxicity)	○	Δ Δ

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