

Testing of Kitazin for its Irritancy property in Rabbits

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Abstract

Kitazin (technical grade, 94% pure), is an organophosphate group of pesticide was evaluated for irritancy property on skin and mucous membrane of New Zealand rabbits. The intact and abraded skin areas and the mucous membrane of rabbits were exposed to the compound and irritancy reactions in terms of erythema, eschar formation and or oedema were observed at 24, 48 and 72 hrs of post treatment. The results revealed that mild erythema at 24 hrs of post exposure on the abraded skin areas where as the intact skin was found to be normal. The study concluded non-significant irritant property of the compound on skin and mucous membrane.

Key words: Kitazin, Irritancy, New Zealand Rabbit.