



DEPARTMENT OF PHARMACOLOGY
Faculty of Medicine
NATIONAL UNIVERSITY OF SINGAPORE
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7th March 1995

The Director
Taylor Stanley (S) Pte Ltd
71, Tannery Lane #07-07
City Industrial Building
Singapore 1334

RE: LD₅₀ Test (Oral & Dermal) for Kitz AERO 10 ATS

RESULTS ARE AS FOLLOWS:

ANIMALS USED: Male Swiss albino mice weighing 21-28 g purchased from Animal Holding Unit, National University of Singapore.

ORAL

Dose: 0.25 ml of undiluted Kitz AERO 10 ATS was administered orally to each mouse.

No. of animals tested: 20 mice. They were quiet for a while. The rest showed no obvious signs that they were behaving differently from the control mice.

No. of deaths after 4 days: none.

Control: 10 mice were given 0.25 ml water orally.

DERMAL

Dose: 0.1 ml of undiluted Kitz AERO 10 ATS was injected subcutaneously into each mouse.

No. of animals tested: 20 mice. Some mice were scratching the sites of injection for a while and 1 mouse developed a reddish bald patch at the site of injection after 24 h.

No. of deaths after 4 days: none

Control: 10 mice were given via subcutaneous injection 0.1 ml normal saline.

LD₅₀ of Kitz AERO 10 ATS cannot be determined because of the limitation of the volume that can be given to the mice. Oral dose of about 10 ml/kg mouse did not cause any deaths after 4 days.

LD₅₀ is an acute toxicity (lethal) test on the animal species that was used. It does not provide information on chronic toxicity or other adverse effects of the chemical.

MORE DETAILED RESULTS ARE ENCLOSED

Lee How Sung PhD

cc Head, Department of Pharmacology