

Acute Toxicity Test With Additive A (F-77-1)

Additive A had only limited solubility in saline and in the various oils; peanut oil, corn oil, trioctanoin. In view of this solubility factor and since the acute toxicity of the agent was expected to be low, the route of application was limited to *per os* feeding of a suspension of the material.

We chose corn oil as solvent. For the LD₅₀ - assay we employed 9 week old F-344 Fisher rats (Charles River, North Wilmington, Mass.) as well as 8 week old CD1 - mice (Charles River, Portage, Michigan)

The four lower dosages were administered as suspensions in 0.3 ml per rat and 0.2 ml per mouse. The higher dose (580-mg/kg) was given to rats in 0.5 ml and to mice in 0.3 ml of the vehicle. Animals were deprived of food beginning 12 hours (overnight) before administration of the test material.

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