

Medium chain triglycerides

Toxicological Data on the Unburnt Ingredient

Organism	Test Type	Route	Reported Dose	Reference
Rat	LD ₅₀	oral	>10000 mg/kg	IUCLID
Rat	LD ₅₀	<i>i.p.</i>	23750 mg/kg	IUCLID

Medium chain triglycerides was negative in an Ames test, when tested at up to 4000 µg/plate [IUCLID].

Medium chain triglycerides was a slight irritant of rabbit and guinea pig skin and rabbit eye. However, it was not irritating to human eye when tested at concentrations up to 50% in paraffinum liquidum [IUCLID].

Medium chain triglycerides did not cause sensitisation in a number of tests in guinea pigs [IUCLID].

In a 30 day study, in which male rats were exposed to daily gavage doses of up to 3 ml Medium chain triglycerides (equivalent to 21.3 mg/kg bw/day), no gross findings were identified at necroscopy [IUCLID].

References

IUCLID. EU IUCLID Chemical Data Sheet, 2000. http://esis.jrc.ec.europa.eu/doc/existing-chemicals/IUCLID/data_sheets/65381091.pdf