

Chemical: Triphenyl Phosphate

CASRN: 115-86-6

Version: Draft, July 2012

Human Health Effects

PROPERTY/ENDPOINT		DATA	REFERENCE	DATA QUALITY
Acute Toxicity		LOW: Oral LD₅₀ in rats and mice is >5,000 mg/kg and the dermal LD₅₀ in rabbits is >7,900 mg/kg. No adequate data were located to assess the toxicity of inhalation exposure.		
Acute Lethality	Oral	Rat, mouse, oral LD ₅₀ >5,000 mg/kg (Measured)	OECD SIDS, 2002	Reported in a secondary source.
		Several rat, oral, LD ₅₀ >6,400 mg/kg (Measured)	ATSDR, 2009	Reported in a secondary source.
	Dermal	Rabbit dermal LD ₅₀ >10,000 mg/kg (Measured)	OECD SIDS, 2002	Reported in a secondary source.
		Rabbit dermal LD ₅₀ >7,900 mg/kg (Measured)	ATSDR, 2009	Reported in a secondary source.
	Inhalation	Rat LC ₅₀ >200,000 mg/m ³ (dust), 1-hour exposure, 14-day observation (Measured)	ATSDR, 2009	Reported in a secondary source. Insufficient exposure time (1 hour), no data on method or GLP.

ATSDR (Agency for Toxic Substances and Disease Registry). Draft toxicological profile for phosphate ester flame retardants. U. S. Department of Health and Human Services, Public Health Service, **2009**.

OECD SIDS (Organisation for Economic Cooperation and Development Screening Information Dataset). 2002. SIDS Initial Assessment Report for Triphenyl Phosphate. <http://www.chem.unep.ch/irptc/sids/OECD SIDS/115866.pdf>