

## TEGOSOFT® P

### Zusammenfassung der Produktdaten zur Toxikologie und Ökologie\* / Summary of Product Data with Reference to Toxicology and Ecology\*

Prüfung Test	Methode Method	Ergebnis Result	Datum Date
Grundlegende Toxikokinetik (Ratte) Basic Toxicokinetics (rat)	OECD 417	substance absorbed with approximately 75–88 % of the dose received <sup>1)</sup>	
Dermale Absorption Dermal absorption	(Q)SAR	predicted to be 0.00010 mg/cm <sup>2</sup> /event (very low)	05/2010
Akute orale Toxizität (Ratte) Acute oral toxicity (rat)	OECD 401	LD <sub>50</sub> > 5,000 mg/kg bw	03/1991
Akute Inhalationstoxizität (Ratte) Acute inhalation toxicity (rat)	OECD 436	LC <sub>50</sub> (4h) > 5.3 mg/L air <sup>2)</sup>	
Hautverträglichkeit (Kaninchen) Skin irritation/corrosion (rabbit)	OECD 404	nicht reizend not irritating	08/1986
Schleimhautverträglichkeit (Kaninchen) Acute eye irritation/corrosion (rabbit)	OECD 405	nicht reizend not irritating	11/1971
Hautsensibilisierung (Meerschweinchen) Skin Sensitization (guinea pig)	OECD 406	nicht sensibilisierend not sensitizing <sup>3)</sup>	
Toxizität bei wiederholter Verabreichung (Ratte) 28 day repeated dose toxicity (rat)	OECD 407	NOAEL = 1,000 mg/kg bw/day (nominal) <sup>4)</sup>	
Toxizität bei wiederholter Verabreichung (Ratte) 90 day repeated dose toxicity (rat)	OECD 408	NOAEL = 5,500 mg/kg bw/day (actual dose received) <sup>5)</sup>	
Gentoxizität (Ames) Gene Toxicity (Ames)	OECD 471	negative negative <sup>4)</sup>	
Chromosomale Aberration Chromosomal aberration	OECD 473	negative negative <sup>2)</sup>	
In vitro Säugetierzellen-Genmutationstest In vitro Mammalian Cell Gene Mutation Test	OECD 476	negative negative <sup>2)</sup>	
Reproduktionstoxizität (Ratte) Toxicity to reproduction (rat)	1993 FDA draft "Redbook II"	NOAEL fertility P = 6,000 mg/kg bw/day <sup>5)</sup>	

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Entwicklungstoxizität/Teratogenität (Ratte) Developmental toxicity/teratogenicity (rat)	OECD 414	NOAEL embryotoxicity and teratogenicity = 1,000 mg/kg bw/day (nominal) <sup>6)</sup>	
Entwicklungstoxizität/Teratogenität (Ratte) Developmental toxicity/teratogenicity (rat)	OECD 414	NOAEL maternal toxicity = 1,000 mg/kg bw/day (nominal) <sup>6)</sup>	
QSAR Phototransformation in Luft QSAR phototransformation in air	AOPWIN v1.92	dissipation half-life of parent compound DT <sub>50</sub> = 17.449 h	2010
Bioabbau aerob Biodegradation aerobic	OECD 301 B	91.3% (28 d) readily biodegradable	06/1993
Bioakkumulation aquatisch/Sediment Bioaccumulation aquatic/sediment	BCFBAF v3.00	BCF = 913 L/kg (regression-based estimate) BCF = 31.38 L/kg (Arnot-Gobas)	2010
Absorption/Desorption Absorption/desorption	KOCWIN v2.00	log Koc = 5.373 (based on Kow); log Koc = 4.6013 (MCI method)	2010
Akute Fischtoxizität Acute fish toxicity	ISO 7346-1	LC <sub>50</sub> (96h) > 10,000 mg/L	08/2001
Akute Daphnientoxizität Acute daphnia immobilisation	EU method C.2	EC <sub>50</sub> (48h) > 3,000 mg/L nominal	02/1998
Chronische Daphnientoxizität Long-term daphnia toxicity	OECD 202 part 2	NOEC (21d) ≥ 100 mg/L <sup>4)</sup> EC <sub>50</sub> (21d) > 100 mg/L	
Algeninhibierung Algae Growth Inhibition	ISO 10253	EL <sub>50</sub> (72h) = 281.37 mg/L <sup>4)</sup> (WAF)	
Algeninhibierung Algae Growth Inhibition	EU method C.3	EC <sub>50</sub> (72h) < 100 mg/L <sup>4)</sup> EC <sub>50</sub> (72h) > 0.05 mg/L (filtered test solution)	
Bakterientoxizität Bacteria toxicity	DIN 38412, part 8	EC <sub>50</sub> (18h) > 10 mg/L <sup>4)</sup>	
Sediment-Toxizität Sediment toxicity	OSPARCOM 1995	LC <sub>50</sub> (10d) > 1,439.41 mg/kg sediment dw <sup>7)</sup>	

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Akute Regenwurmtoxizität Earthworm acute toxicity test	OECD 207	LC <sub>50</sub> (14d) > 20,000 mg/kg soil dw <sup>7)</sup>	
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- 1) Read-across from radiolabelled Ethyl Oleate, CAS 111-62-6
- 2) Read-across from Isopropyl Laurate, CAS 10233-13-3
- 3) Read-across from Isopropyl Myristate, when used as 5% solution for induction and 25% solution for challenge
- 4) Read-across from Isopropyl Myristate
- 5) Read-across from Ethyl Oleate, CAS 111-62-6
- 6) Read-across from fatty acids, C16-18, 2-Ethylhexyl Esters
- 7) Read-across from Fatty acids, C16-18 and C18-unsatd., 2-ethylhexyl esters, CAS 85049-37-2

\* Full Robust Study Summaries can be checked under the ECHA Registered Substance website and with the following registration number: 01-2119541808-31

Video instruction for use:

<http://personal-care.evonik.com/product/personal-care/en/media-center/videos/reach-tox-data/pages/default.aspx>

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