

TEGOSOFT® TN

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
Akute orale Toxizität (Ratte) Acute Oral Toxicity (rat)	similar to OECD 401 ¹⁾	LD ₅₀ > 5,000 mg/kg bw LD ₅₀ = 34,500 mg/kg bw	11/1978 02/1979
Akute dermale Toxizität (Ratte) Acute Dermal Toxicity (rat)	similar to OECD 402 ²⁾	LD ₅₀ > 2,000 mg/kg bw	02/1979
Akute inhalative Toxizität (Ratte) Acute Inhalation Toxicity (rat)	similar to OECD 403	LC ₅₀ > 200 mg/L/1h	05/1979
Hautverträglichkeit (Kaninchen) Acute Dermal Irritation/Corrosion (rabbit)	similar to OECD 404 ³⁾	nicht reizend non irritating	11/1978
Hautverträglichkeit (<i>in vitro</i>) Dermal Irritation/Corrosion (<i>in vitro</i>)	OECD 439	nicht reizend non irritating	02/1998
Hautsensibilisierung (Meerschweinchen) Skin Sensitisation (guinea pig)	OECD 406 ⁴⁾	nicht sensibilisierend not sensitising	05/1979
Wiederholter Hautschädigungstest (Mensch) Repeated insult patch test (humans)	⁵⁾ 20%ige Verdünnung, semi-okklusiv 20% dilution, semi-occlusive	beide behandelten Stellen blieben ohne Befund (keine sichtbaren Reaktionen) während des gesamten Testzeitraums bei allen Probanden / both treated areas remained negative (no visible reactions) throughout the test interval at all participants	09/1994
Gentoxizität (Ames) Gene Toxicity (Ames)	OECD 471	nicht mutagen not mutagenic	08/1994
<i>In vitro</i> Mikronukleus-Test <i>In vitro</i> micronucleus test	OECD 474	nicht mutagen ⁶⁾ not mutagenic	
Chromosomale Aberration Chromosomal aberration	OECD 473	nicht clastogen ⁶⁾ non clastogenic	
Komedogenität (Kaninchen) Comedogenicity (rabbit)	⁷⁾	kein komedogenes Potential no evidence for comedogenic potential	02/1980
Toxizität bei wiederholter Verabreichung (Ratte) 28 day repeated dose toxicity (rat)	OECD 407	NOEL females = 150 mg/kg bw/day NOEL males = 15 mg/kg bw/day ⁶⁾	
Reproduktionstoxizität (Ratte) Toxicity to reproduction (rat)	OECD 421	NOAEL = 1,000 mg/kg bw/day ⁶⁾	

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Entwicklungstoxizität /Teratogenität (Ratte) Developmental toxicity / teratogenicity (rat)	OECD 421	NOAEL = 1,000 mg/kg bw/day ⁶⁾	
Algenwachstumshinibierungstest Algae Growth Inhibition	OECD 201	EC ₅₀ (72h) > the limit of solubility (limit of detection of TOC analysis = 1 mg/L) ⁶⁾	
Akute Daphnientoxizität Acute Daphnia Immobilisation	OECD 202	EC ₅₀ (48h) > 320 mg/L	08/2008
Akute Fischtoxizität Acute Fish Toxicity	OECD 203	LC ₅₀ (96h) > 1.23 mg/L (solubility limit under the conditions of the test ⁶⁾	
Toxizität gegenüber Mikroorganismen Toxicity to micro-organisms	OECD 209	EC ₂₀ , EC ₅₀ and EC ₈₀ > 1,000 mg/L ⁶⁾	
Bioabbau aerob Biodegradation aerobic	OECD 301 B	biologisch abbaubar biodegradable	04/2010
Bioabbau anaerob Biodegradation anaerobic	ISO 11734	76 %, 112 d ⁸⁾	

- 1) Appraisal of the Safety of Chemicals in Foods, Drugs and Cosmetics pp. 17–25, Hagan, E.C. Acute Toxicity; (1959)
- 2) Appraisal of the Safety of Chemicals in Foods, Drugs and Cosmetics compiled by the Staff of the Division of Pharmacology, FDA; Acute Toxicity (1959)
- 3) Appraisal of the Safety of Chemicals in Foods, Drugs and Cosmetics compiled by the Staff of the Division of Pharmacology, FDA; Primary Irritation Score by J.H. Draize (1959)
- 4) Maximierungstest nach Bühler / Maximization test according to Bühler
- 5) Andere Richtlinie – Beurteilung durch Experten / Other guideline – Expert judgement
- 6) Read-across from Benzoic Acid Isononyl Ester
- 7) Fulton, J.E., Jr.; Bradly, S.; Aqundez; A.; Black, T.; Non-comedogenic Cosmetics. Curtis 17: 344–351 (1977)
- 8) Danish Environmental Agency (Miljøministeriet, Denmark, Arbejdsrapport fra Miljøstyrelsen Nr. 10, 2004, p. 47 and 74.

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* Full Robust Study Summaries can be checked under the ECHA Registered Substance website and with the following registration number: 01-2119825559-27

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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