



Spezifikation

Produktbezug:	
Produktnummer	10125130V01
Handelsname / Bezeichnung	Kupfer(II)-chlorid Dihydrat 99% reinst
CAS Nummer	10125-13-0
Andere Bezeichnungen / Synonyme	•Copper chloride (CuCl ₂), dihydrate; •dichlorocopper dihydrate;
EG Nummer	600-176-4
Zolltarifnummer / CN-Code	28273985
Molekulargewicht [g/mol]	170.48256
Formel	Cl ₂ CuH ₄ O ₂
Gesundheitsschädlich bei Verschlucken. Verursacht Hautreizungen. Verursacht schwere Augenreizung. Sehr giftig für Wasserorganismen mit langfristiger Wirkung. Staub/Rauch/Gas/Nebel/Dampf/Aerosol nicht einatmen. Freisetzung in die Umwelt vermeiden. BEI KONTAKT MIT DEN AUGEN: Eventuell Vorhandene Kontaktlinsen nach Möglichkeit entfernen. Weiter ausspülen. Einige Minuten lang behutsam mit Wasser ausspülen. Mit viel Wasser und Seife waschen.	

Parameter	Specification	Unit
Physikalische Parameter		
Glühverlust	0,66	%
pH-Wert	(5%, aq): 3	
Identifikation		
Gehalt	(Cu(NO ₃) ₂): ≤ 0,01	%
Gehalt	(CuCl ₂ ·2H ₂ O): ≥ 99	%
Gehalt	(HNO ₃): ≤ 0,01	%
Gehalt	Kupfer (Cu): ≥ 36,8	%
Verunreinigungen		
Löslicher Anteil	in H ₂ O: ≤ 0,02	%
Sulphat (SO ₄)	≤ 45	ppm
Elementare Verunreinigungen		
Aluminium (Al)	≤ 1	ppm
Arsen (As)	≤ 1,0	ppm
Calcium (Ca)	≤ 37	ppm
Eisen (Fe)	≤ 50	ppm
Kalium (K)	≤ 3	ppm
Magnesium (Mg)	≤ 12	ppm
Natrium (Na)	≤ 80	ppm
Nickel (Ni)	≤ 1	ppm
Blei (Pb)	≤ 5	ppm
Zink (Zn)	≤ 5	ppm

Zusätzliche Angaben:

Mindesthaltbarkeit: 5 Jahre ab Freigabedatum

Lagerbedingungen: kühl und trocken lagern

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 22. Oct. 2025

LF-Basis: (2025-10-21)

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