



Spezifikation

Produktbezug:	
Produktnummer	7664382V01
Handelsname / Bezeichnung	Phosphorsäure 85%
CAS Nummer	7664-38-2
Andere Bezeichnungen / Synonyme	•Phosphorsäure; •orthophosphoric acid; •phosphoric acid;
EG Nummer	616-646-7 231-633-2
EG-Index-Nummer	015-011-00-6
Zolltarifnummer / CN-Code	28092000
Molekulargewicht [g/mol]	98,00
Formel	H ₃ PO ₄ H ₃ O ₄ P
Gefahr   UN 1805, 8 (Ätzende Stoffe), III	
Kann gegenüber Metallen korrosiv sein. Verursacht schwere Verätzungen der Haut und schwere Augenschäden. Schutzhandschuhe/Schutzkleidung/Augenschutz/Gesichtsschutz tragen. BEI VERSCHLUCKEN: BEI KONTAKT MIT DEN AUGEN: BEI Exposition oder Unwohlsein: Sofort GIFTINFORMATIONSZENTRUM oder Arzt anrufen. Mund ausspülen. KEIN Erbrechen herbeiführen. Eventuell Vorhandene Kontaktlinsen nach Möglichkeit entfernen. Weiter ausspülen. Einige Minuten lang behutsam mit Wasser ausspülen.	

Parameter	Specification	Unit
Sensorische Prüfung		
Aussehen	klare, farblose Flüssigkeit	
Geruch	geruchlos	
Identifikation		
Gehalt	84,0 – 86,0	%
Elementare Verunreinigungen		
Arsen (As)	≤ 1	ppm
Cadmium (Cd)	≤ 2	ppm
Kupfer (Cu)	≤ 5	ppm
Eisen (Fe)	≤ 20	ppm
Blei (Pb)	≤ 5	ppm

Zusätzliche Angaben:

Hinweis: Lagerung bei Raumtemperatur beachten -frostempfindlich-

Chemische Werke Hommel GmbH & Co.KG

Dieses Dokument wurde elektronisch erzeugt und ist ohne Unterschrift gültig.

Waltrop, 28. Oct. 2025

LF-Basis: 2 (2018-07-23)

We only confirm that we took over the data from our supplier accordingly. Despite careful working, errors in the takeover are not totally excluded. Some or all parts off the document may be translated due to our best knowledge from the original to give a better understanding. If you have any questions about specific details, please call us directly. Unless otherwise marked, these data do not originate from us and have not been tested by us on the correctness. The above information corresponds to the present state of our knowledge and is intended as a general description of our products and their possible applications. We make no warranties, expressed or implied, as to the information's accuracy, adequacy, sufficiency or freedom from defect and assumes no liability in connection with any use of this information. Any user of this product is responsible for determining the suitability of our products for its particular application. The foregoing information does not absolve the buyer of its own tests. Observing existing laws and regulations, is the responsibility of the buyer of our product. Nothing included in this information waives any of our General Terms and Conditions of Sale, which control unless it agrees other in writing. Any existing intellectual/industrial property rights must be observed. Due to possible changes in our products and applicable national and international regulations and laws, the status of our products could change. Material Safety Data Sheets providing safety precautions, that should be observed when handling or storing our products, are available upon request and are provided in compliance with applicable law. The user should obtain and review the applicable Material Safety Data Sheet information before handling any of these products. For additional information, please contact us.