



# HDK<sup>®</sup> – YOUR HIGH-QUALITY EXCIPIENT

WACKER offers specialty HDK<sup>®</sup> grades for the Pharma and Nutrition sectors that meet both industries' high demand for consistency and purity. HDK<sup>®</sup> N20 PHARMA, HDK<sup>®</sup> N20P PHARMA, HDK<sup>®</sup> N20 NUTRITION and HDK<sup>®</sup> T40 NUTRITION are ideal excipients for improving and maintaining the free flow of powders and for providing precise rheology control in liquid products and formulations. Our highly qualified experts will gladly provide further information and personal consultation.

COLLOIDAL SILICON DIOXIDE | PHARMA, NUTRITION

# HDK<sup>®</sup> GRADES FOR PHARMA, FOOD AND FEED APPLICATIONS

HDK<sup>®</sup> Pyrogenic Silica with Personalized Service



HDK <sup>®</sup>	N20 PHARMA	N20P PHARMA	N20 NUTRITION	T40 NUTRITION
BET surface area ISO 9277 DIN 66132	approx. 200 m <sup>2</sup> /g	approx. 200 m <sup>2</sup> /g	approx. 200 m <sup>2</sup> /g	approx. 400 m <sup>2</sup> /g
Tamped density ISO 787-11	approx. 40 g/l	approx. 100 g/l	approx. 40 g/l	approx. 40 g/l
Pharmacopeia compliance	EP, USP	EP, USP		
Food compliance			(EU) No. 231/2012 (E551); FCC, JECFA (INS 551)	(EU) No. 231/2012 (E551); FCC, JECFA (INS 551)

HDK <sup>®</sup>	N20 PHARMA	N20P PHARMA	N20 NUTRITION	T40 NUTRITION
Packaging	10-kg paper bag 10-lbs paper bag	20-kg paper bag	10-kg paper bag 150-kg big bag	10-kg paper bag

Note: these figures are intended as a guide and should not be used in preparing specifications.  
Further information about HDK<sup>®</sup> grades upon request.

[www.wacker.com/socialmedia](http://www.wacker.com/socialmedia)



**Wacker Chemie AG**  
Hanns-Seidel-Platz 4  
81737 Munich, Germany  
Tel. +49 89 6279-1471  
Toll-free number, international:  
00 800-6279-0800  
[info@wacker.com](mailto:info@wacker.com)  
[www.wacker.com](http://www.wacker.com)

**Wacker Chemical Corporation**  
Adrian, MI 49221-9397  
USA  
Phone: +1 888 922 5374  
NAFTA Region – Canada, Mexico and US  
Toll-free number:  
+1 888-922-5374 (+1 888-WACKER 4 U)  
[info.usa@wacker.com](mailto:info.usa@wacker.com)

**Wacker Chemicals (China) Co., Ltd.**  
Caohejing Hi-Tech Park  
Shanghai 200233  
P.R. China  
Phone: +86 21 6130-2000  
[info.china@wacker.com](mailto:info.china@wacker.com)



The data presented in this information sheet are in accordance with the present state of our knowledge but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this information sheet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. The information provided by us does not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the product for a particular purpose.