

ZEOPHARM® 5191

Precipitated Silicon Dioxide, NF Grade

Characteristic physico-chemical data*

Properties and test methods	Unit	Value
Median particle size	µm	25
Linseed oil absorption	ml/100g	265
Loss on drying	%	5
pH value, 5 % in water	-	6,5
Water absorption	ml/100g	300
Bulk density	kg/m ³	180

*) The given data are typical values. Specifications on request.

Certifications and Classifications

ZEOPHARM® 5191

CAS-No.	112926-00-8 resp. 7631-86-9
	<ul style="list-style-type: none"> • Quality excellence achieved through GMPs and ISO:9001 certifications • Conformity with COSMOS standards • Meets USP NF for Dental Type Silica • Certified as Kosher, Pareve, Kosher for Passover, and Halal

ZEOPHARM® 5191 precipitated Silicon Dioxide has a very high absorptive capacity. It can convert liquid Active Pharmaceutical Ingredients (APIs), vitamins or dietary supplements into free flowing powders that can be further processed into tablets or capsules. ZEOPHARM® 5191 Silicon Dioxide remains free flowing after the addition of greater than 60% (wt/wt) liquids.

Benefits

- Inert pharmaceutical excipient
- Readily converts liquids into free flowing dry powders
- Can absorb greater than 60% (wt/wt) of liquids and remain free flowing
- Liquids absorbed can then be made into tablets or capsules
- Ideal for absorbing vitamins A,D, E, and K, simethicone, and liquid APIs

Safety and Handling

Information concerning the safety of this product is listed in the corresponding Safety Data Sheet. We recommend to read carefully the Safety Data Sheet prior to the use of our product.

Packaging and storage

For details regarding our packaging options for this product, please contact your local sales representative. Our silica products are inert and extremely stable chemically. However, due to their high specific surface area, they can absorb moisture and volatile organic compounds from the surrounding atmosphere. Therefore, we recommend storing the products in sealed containers in a dry, cool place, and removed from volatile organic substances. Even if a product is stored under these conditions, after a longer period it can still pick up ambient moisture over time, which could lead to its exceeding the specified moisture content.

This information and any recommendations, technical or otherwise, are presented in good faith and believed to be correct as of the date prepared. Recipients of this information and recommendations must make their own determination as to its suitability for their purposes. In no event shall Evonik assume liability for damages or losses of any kind or nature that result from the use of or reliance upon this information and recommendations. EVONIK EXPRESSLY DISCLAIMS ANY REPRESENTATIONS AND WARRANTIES OF ANY KIND, WHETHER EXPRESS OR IMPLIED, AS TO THE ACCURACY, COMPLETENESS, NON-INFRINGEMENT, MERCHANTABILITY AND/OR FITNESS FOR A PARTICULAR PURPOSE (EVEN IF EVONIK IS AWARE OF SUCH PURPOSE) WITH RESPECT TO ANY INFORMATION AND RECOMMENDATIONS PROVIDED. Reference to any trade names used by other companies is neither a recommendation nor an endorsement of the corresponding product, and does not imply that similar products could not be used. Evonik reserves the right to make any changes to the information and/or recommendations at any time, without prior or subsequent notice.

Applied Technology**Evonik Resource Efficiency GmbH**

Business Line Silica
Rodenbacher Chaussee 4
63457 Hanau-Wolfgang
Germany
PHONE +49 6181 59-3536
FAX +49 6181 59-4096
ask-si@evonik.com
www.sipernat.com

Europe/ Middle-East/**Africa/ Latin America****Evonik Resource Efficiency GmbH**

Business Line Silica
Rodenbacher Chaussee 4
63457 Hanau-Wolfgang
Germany
PHONE +49 6181 59-8118
FAX +49 6181 59-78118
ask-si@evonik.com
www.sipernat.com

North America**Evonik Corporation**

Business Line Silica
299 Jefferson Road
Parsippany, NJ 07054-0677
USA
PHONE +1 800 233-8052
FAX +1 973 929-8502
ask-si@evonik.com
www.sipernat.com

Asia-Pacific**Evonik (SEA) Pte. Ltd.**

Business Line Silica
3 International Business Park
#07-18, Nordic European Centre
Singapore 609927
PHONE +65 6 809 6877
FAX +65 6 809 6677
ask-si-asia@evonik.com
www.sipernat.com