

# AEROSIL® R 972 Pharma

## Hydrophobic colloidal silica

### Characteristic physico-chemical data

Properties and test methods	Unit	Value
Specific surface area (BET)	m <sup>2</sup> /g	90 - 130
Tamped density*	g/l	50
Identification Tested according to Ph. Eur., USP/NF		complies
Chlorides / Limit of chloride Tested according to Ph. Eur., USP/NF	ppm	≤ 250
Water dispersible fraction Tested according to Ph. Eur., USP/NF	%	≤ 3.0
Assay (SiO <sub>2</sub> content) Tested according to Ph. Eur., USP/NF	%	99.0 - 101.0
* ex plant The data represents typical values (no product specification).		

### Registrations (substance or product components)

#### AEROSIL® R 972 Pharma

CAS-No.	68 611-44-9
REACH (Europe)	exempted
TSCA (USA)	registered
DSL (Canada)	registered
AICS (Australia)	registered
ENCS (Japan)	registered
KECI (Korea)	registered
PICCS (Philippines)	registered

AEROSIL® R 972 Pharma is a high purity, amorphous, anhydrous, hydrophobic colloidal silica for use as an excipient in pharmaceutical products (tested according to Ph. Eur. and USP/NF monographs).

### Applications and properties

#### Applications

- Pharmacy, especially solid dosage forms and emulsions

#### Properties

- Glidant for improving powder flow, especially suitable for very hygroscopic and/or cohesive powders
- Viscosity adjuster for thickening of non-polar pharmaceutical oils
- Stabilizer for water in oil (W/O) emulsions
- May be used to adjust release behavior of active ingredients

#### Drug master file

- DMF 1115

### Safety and handling

A safety data sheet will be provided with your first delivery and with subsequent revisions. Additionally, the Product Safety Department of Evonik Resource Efficiency GmbH can be contacted via mail at [sds-hu@evonik.com](mailto:sds-hu@evonik.com) for specific questions. We recommend to reach the safety data sheet carefully prior to use of the product.

### Packaging and storage

AEROSIL® R 972 Pharma is supplied in multiple layer 10 kg bags. We recommend to store the product in closed containers under dry conditions and to protect the material from volatile substances. Shrink-wrapped pallets should be resealed after the removal of individual bags. AEROSIL® R 972 Pharma should be used within 2 years after production.

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