

AEROSIL® R 972 Pharma

Hydrophobic colloidal silica

Characteristic physico-chemical data

Properties and test methods	Unit	Value
Specific surface area (BET)	m ² /g	90 - 130
Identification Tested according to Ph. Eur., USP/NF		complies
Chlorides / Limit of chloride Tested according to Ph. Eur., USP/NF	ppm	≤ 250
Loss on ignition Tested according to Ph.Eur., USP/NF	%	≤ 6.0
Water dispersible fraction Tested according to Ph.Eur., USP/NF	%	≤ 3.0
Assay (SiO ₂ content) Tested according to Ph. Eur., USP/NF	%	99.0 - 101.0
Pb content Tested according to USP/NF	ppm	≤ 25

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

Safety and handling

Information concerning the safety of this product is listed in the corresponding Safety Data Sheet, which will be sent with the first delivery or upon updating. Such information is also available from Evonik Operations, Product Safety Department, E-MAIL sds-im@evonik.com We recommend to read carefully the safety data sheet prior to the use of our 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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