

DATA SHEET N°: UQP-2-SIL-FP-010
Version: 11
Date: April/2014
N° CAS: 112 926-00-8 (previously: 7631-86-9)

IDENTITY AND ASPECT

Chemical composition: 10 SiO₂, 1 H₂O.
 Characteristics: Amorphous precipitated silica.
 Aspect: White powder, Odorless, Flavorless, Hygroscopic.

SYNONYMS: Silicon Dioxide; Precipitated Silica; Amorphous Silica; Hydrated Silica; Synthetic Silica;

PRODUCT SPECIFICATIONS

Type	Unidad	Valor	Método
Moisture (2h, 105°C)	%/m/m	7.00 Máx	NA-1633
Loss on Ignition (1000°C on dry sample)	%/m/m	8.50 Máx	NA-1633
SiO ₂ (over calcined product)	%/m/m	96.00 Min	NA-0901
Soluble salts (Na ₂ SO ₄)	%/m/m	4.00 Máx	NA-0465
pH (5g/100 ml H ₂ O)		6.00 – 7.00	NA-0464
Absorption DOA	ml/100g	290 - 370	NA-0466
Moisture granulometry: Sieve retention 325 mesh	%/m/m	20 Máx	NA-0214
Lead	mg/Kg	5.00 Máx	NA-1619

PHYSICAL PROPERTIES

- Bulk Density, g/cm³ 0.14
- Specific weight, g/cm³ 2.00

MAIN APPLICATIONS

- Desiccant AU VIII.
- Free flowing agent for powders.
- This product is not recommended to pharmaceuticals.

PACKAGING

Standard packaging :

- Consult our commercial team.

PRODUCT SHELF LIFE

- Period of validity = 2 years if stored in a dry place.

SAFETY, STORAGE, HANDLING, LABELLING, TRANSPORTATION, REGULATION

Please consult our "Safety Data Sheet".

In all levels our efforts are focused on ensuring the conformity of the product and its specifications. However, this does not exempt the customer from doing the control on reception that might be necessary. It is recommended to verify the local regulations applicable to the use of our product. We remain at your disposition to provide additional information.

TECHNICAL ASSISTANCE

The technical staff of **Solvay** is at your disposal to give more information about this product.

This specialized staff works with a technically advanced laboratory for the development and application.

PHONE: (55-11) 3741 - 8796 - FAX: (55-11) 3741-8565

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All the information contained in this document is supplied in good faith and is based in our current knowledge.

This information does not have to be used as a replacement to the necessary previous tests in order to assure that the product is adjusted for the intended application. The users are responsible for assuring the fulfillment of the local laws and for the certificates and authorizations required. We request the users to verify if they have the latest available version of this document and we are pleased to deliver additional information whenever needed.

PRODUCTION SITE

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