



Silica gel Orange-Colorless

Section 1: Information to the supplier/distributor

Giebel FilTec GmbH
Carl-Zeiss-Str. 5
DE-74626 Bretzfeld-Schwabbach
Tel. +49 (0) 7946 944401-0
Fax +49 (0) 7946 944401-29
Email info@giebel-adsorber.de

Section 2: Identification of the Substance

| | | |
|-------------------------|-----------------------|------------------|
| Chemical product name: | Silicon dioxide | |
| Composition: | ≥99% Silicon dioxide | SiO ₂ |
| | 1% Iron | Fe |
| | ≤1% Water | H ₂ O |
| Color change: | Orange -> Colorless | |
| CAS No.: | 7631-86-9 | |
| EC No.: | 231-545-4 | |
| REACH Registration No.: | 01-2119379499-16-xxxx | |

Section 3: Specifications

| | |
|----------------------------|---------------------------|
| Pore Size: | 0,2-12,5 nm |
| Appearance and shape: | Orange, solid balls |
| Particle size: | 2,0-5,0 mm |
| Bulk density: | 0,75-0,85 kg/l |
| Pore volume: | 0,35-0,45 ml/g |
| Crushing strength: | >200 N |
| Specific surface: | 600-800 m ² /g |
| Abrasion rate: | <2 % |
| Water adsorption capacity: | >370 ml/kg |