

## Silicagel Orange-Colorless

### Section 1: Information to the supplier / distributor

**GIEBEL FilTec GmbH**  
Carl-Zeiss-Str. 5  
74626 Bretzfeld-Schwabbach  
Germany  
Phone: +49 7946 944401-0

### Section 2: Identification of the substance

Chemical product name:	Silicon dioxide	
Composition:	≥99% Silicon dioxide	SiO <sub>2</sub>
	<1% Ammonium iron(III)sulfate	NH <sub>4</sub> Fe(SO <sub>4</sub> ) <sub>2</sub>
	≤1% Water	H <sub>2</sub> 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:	3,0-5,0 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 <sup>2</sup> /g
Abrasion rate:	<2 %
Water adsorption capacity:	>370 ml/kg
Regeneration temperature:	120°C
Maximum storage time:	Two years