

**Siliceous earth, purified and calcined, Pharmpur®, NF****Identification**

SiO<sub>2</sub>  
M = 60,08 g/mol  
CAS [68855-54-9]  
EC number: 272-489-0  
Taric code: 2512 00 00

**Synonyms**

Infusorial earth, Diatomaceous earth, Diatomite

**Applications**

for laboratory uses, in pharma industry.

**Specifications**

solubility in water.....	max. 0,2 %	lead eliminated by washing.....	max. 10 ppm
soluble in acid .....	max. 2,0 %	loss on drying (105 °C).....	max. 0,5 %
arsenic eliminated by washing.....	max. 10 ppm	residue on ignition (980 □C).....	max. 2,0 %
		limit of nonsiliceous substances.....	passes test

**Physical data**

- Spec. Density: 2,21 g/cm<sup>3</sup>
- Bulk density: ~ 200 kg/m<sup>3</sup>
- Solub. in water: (20 °C): almost insoluble
- Melting point: > 450 °C
- Boiling point: 2230 °C
- pH(100 g/l H<sub>2</sub>O, 25 °C) ~ 5,0 - 9,0

**Safety - GHS****Precautionary Statements:**

P308+P311: IF exposed or concerned: Call a POISON CENTER/doctor/...

**Transport/storage**

- 10°C - 30°C