



**PRODUCT CODE: 142475**

**Siliceous Earth purified and calcined (USP-NF) pure, pharma grade**

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CAS [91053-39-3] EINECS 293-303-4

TARIC 2512 00 00 00

**This product consists mainly of more than 85% of silica. It has been calcined and activated at high temperatures to be chemically inactive .**

**SYNONYMS:** Diatomaceous Earth, Infusorial Earth, Kieselgur

**PHYSICAL DATA:** powder, White to light grey, Insoluble in water D 2,21 • M.P.: 1.713 °C • B.P.: 2.230 °C • pH10 •

**BIBLIOGRAPHY:** Merck Index **12**, 5.003 13, 4.996 Safety **2** , **3211 A** • Römp **8** , **2107** • USP -**NF 36** • F.C.C **10 11** •

**HAZARDOUS:** RTECS: HL 8600000 •

**SPECIFICATIONS:**

pH of 10% 5-10

**Maximum limit of impurities**

Soluble matter in H<sub>2</sub>O 0,2 %

Soluble matter in HCl 2,0 %

Loss on ignition 980°C 2,0 %

Loss on drying at 105°C 0,5%

Chloride (Cl) 0,01%

Non siliceous substances	25 %
Residual solvents (Ph.Eur/USP)	passes test
Leachable As	0,001%
Leachable Pb	0,001%
Leachable Fe	0,04 %
Heavy metals (as Pb)	0,005%

Residual metals (according to EMEA/CHMP/SWP/4446/2000): No metal catalysts are used in the manufacturing process.

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