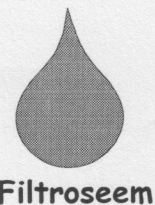


# Seema Minerals & Metals

Mine Owners- Siliceous Fossils, Kieselguhr, Diatomaceous Earth  
Manufactures- Filteraid, Water Filter Candles, Growing and Potting Media, Natural  
Pesticide and Insecticide and other Products  
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Visit us on- [www.seemadiatomite.com](http://www.seemadiatomite.com), [www.seemaminerals.com](http://www.seemaminerals.com)



## Active Silicon

Chemical Name- Kieselguhr/Diatomaceous Earth  
(Technical Specification)

### Grade - Soil Amendment

Chemical Properties		
Silicon Dioxide	SiO <sub>2</sub>	75 - 83
Alumina	Al <sub>2</sub> O <sub>3</sub>	4 - 6
Ferric Oxide	Fe <sub>2</sub> O <sub>3</sub>	0.5 - 2.5
Titanium Dioxide	TiO <sub>2</sub>	0.27
Calcium Oxide	CaO	0.23
Manganese Oxide	MnO	NIL
Magnesium Oxide	MgO	0.81
Sodium Oxide	Na <sub>2</sub> O	1.27
Potassium Oxide	K <sub>2</sub> O	0.18
Phosphorous Pentoxide	P <sub>2</sub> O <sub>5</sub>	0.09
Typical Physical Properties		
Colour	Pale Yellow/off-white	
pH of 10% slurry	7.5 -8.4	
Moisture	5-12 %	
Loss on ignition	5.42	
Water Absorption	110 %	
Bulk Density	Granulated	0.65 - 0.70 gm/ml
	Powder	0.36-0.40 gm/ml
Particle Size	Granulated	2 - 6 mm
	Powder	500 mesh

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