



**PRODUCT SPECIFICATION
(OFFER)
No 18**

d/TP/4a

Edition 1st

Page. 1

No. of p.1

1. Product name/chemical formula

POTASSIUM SILICATE / $K_2O \cdot nSiO_2$

2. General characteristic

Shapeless pieces of crushed slabs bluish-greenish in color.

3. Physical and chemical requirements

No	Subject	Value
1.	Content of $SiO_2 + K_2O$ %	min. 99,5 %
2.	Mole ratio	3,3 – 4,3
3.	Content of Na_2O	max. 0,3 %

At client's request the producer provides with the other requirements

4. Applications

Production of potassium water glass.

5. Indications for industrial safety & fire protection

Dust irritates mucosa and skin. Be careful with edges of enamel pieces.

Non-flammable

Non-flammable

6. Packing & transportation

Delivered in bulk or in the "big-bags".

Means of railway and road transportation.

The product is a safe material according to RID & ADR rules.

7. Storage

In roofed storage yards with hardened surface.

8. Ecological information - waste treatment

Product is non-hazardous, because of low solubility. Potassium silicate with pollutions-insoluble substances can be recycled in production of potassium water glass and then it must be passed through a filter.