



**PRODUCT SPECIFICATION
(OFFER)
No 4**

d/TP/4a

Edition 3st

P. 1

No of p1

1. Name / chemical formula

**SODIUM METASILICATE / Na₂SiO₃·5H₂O
stabilized product**

2. General characteristic

White crystalline powder, well soluble in water, without smell.

3. Physical-chemical requirements (standart of quality TWT 23/97)

Content of SiO ₂ %	27,2 ± 1,0
Content of Na ₂ O %	28,4 ± 1,0
Mole ratio SiO ₂ /Na ₂ O	1,0±0,1
Water insoluble substances max. %	0,02
Content of Fe ₂ O ₃ max.%	0,02
Grain size mm min. 80 % range	0,09÷1,4

4. Applications

Component of industrial washing agents, cleaners, disinfectans as well as household chemistry products.

5. Indications for industrial safety & fire protection

Due to its high alcalinity it is caustic to skin and mucosa.
Non-flammable.

6. Packing & transportation

40 kg paper/PE bags.
Covered means of railway and road transportation. The product is an unsafe material according to RID & ADR rules. Certificate no 069/IPO/2003. Identification number (ONZ) UN 3253.

7. Storage

Dry, cool roofed rooms, maximum 5 layers of bags.

8. Ecological information-waste treatment

The product is unfriendly for the environment because of high pH.
Spilled product should be collected to special containers and recycled in the way indicated by local office of environment protection.