



**PRODUCT SPECIFICATION
(OFFER)
No 2**

d/TP/4a

Edition 4st

P. 1

No of p1

1. Name / chemical formula

Sodium disilicate/ $\text{Na}_2\text{O}\cdot 2\text{SiO}_2$

2. General characteristic

White, dusty powder without smell, soluble in water.

3. Physical and chemical requirements (standart of quality TWT-24/98)

| | |
|---|---------------|
| Content of SiO_2 / % | 56 ± 2 |
| Content of Na_2O % | $27,5 \pm 2$ |
| Mole ratio $\text{SiO}_2/\text{Na}_2\text{O}$ | $2,0 \pm 0,1$ |
| Loss of roasting: 600° C (%) | $16,0 \pm 2$ |
| pH 10 % solution | > 11 |
| Bulk density (g/l) | 100 ± 30 |

4. Applications

Component of industrial washing agents, cleaners, disinfectans and house hold chemistry products.

5. Industrial safety & fire protections

With regard for its high alkalinity acts irritating on skin and mucosa. It is recommended to use a dust mask.

Non-flammable.

6. Packing & transportation

Big-bags, PE bags.

Covered means of railway and road transportation. The product is a safe material in the meaning of RID & ADR rules. Certificate no 072/IPO/2003.

7. Storage

Dry, cool covered rooms.

8. Ecological information – waste treatment

The product is unfriendly for the environment cause of high pH. The spilled product should be collect to the special containers. The remains of product flush using a big amount of water.