## PRODUCT SPECIFICATION

**Name of the process:**

**VITROLIQ S – 145**  
(Previously name: R-145)  
Sodium silicates water solution  

**Number of process:**  
4  
ZI/P-4/R-145

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### 1. Product properties

a) **Appearance:**

Faintly opalescent liquid without smell

b) **Chemical properties**

Water solution of sodium silicates with following parameters:

- **Molar ratio**  \( 2.5 \pm 0.1 \)
- **Weight ratio**  \( 2.43 \pm 0.1 \)
- **Density (at 20°C)**  \( 1.45 – 1.48 \text{ g/cm}^3 \)
- **Oxides**  \( \text{min 39\% w/w} \)
- **Fe}_2\text{O}_3**  \( \text{max 0.05\% w/w} \)
- **Insolubles**  \( \text{max 0.1\% w/w} \)

Valid with polish version only