

TDS (Technical Data Sheet)

**COLLASIL® OSA**

**328**

**DESCRIPTION**

COLLASIL® OSA is a patented ingredient that provides the highest amount of bioavailable silicon under orthosilicic acid stabilized with hydrolyzed marine collagen form.

**COMPOSITION**

Orthosilicic Acid.....5 %  
Hydrolyzed fish collagen.....90%  
Chlorides..... 3,5%  
Water.....qs 100%

**SPECIFICATION**

Appearance (25°C).....Powder  
Color .....Yellowish  
Odor.....Slight marine odor  
pH in 5% solution in water..... 2 - 4  
Dry matter (%)..... minimum 90  
Hydrolyzed marine proteins content (%) ... 83 - 95  
Total silicon content (g/kg) ..... 13 - 17  
Water soluble silicon content (g/kg).....13 - 17

**MICROBIOLOGICAL SPECIFICATION**

*Mesophylic aerobic germs*..... < 1000 CFU/g  
*Moulds and Yeasts count*..... < 100 CFU/g  
*Escherichia coli* .....Absence in 1g  
*Salmonella sp*.....Absence in 25g

**NUTRITION DECLARATION**

Energy value ..... 360 kcal/100g  
..... 1500 kJ/100g  
Protein..... 90 g/100g  
Carbohydrate ..... 0 g/100g  
Fats ..... 0 g/100g  
Silicon ..... 1.5 g/100g  
Chloride.....3.5 g/100g

**PACKAGING**

1, 5 in plastic drums and 10kg in plastic bag

**STORAGE**

**COLLASIL® OSA** must be stored in its original packaging until the final use. The product must be stored at a cool and dry place, away from light at a temperature below 25°C.

The “best use before” date is printed on the label. Keep package tightly closed. Once opened, use contents quickly. In order to avoid secondary microbial contamination, following opening, the content of the containers should be used immediately.

**SHELF LIFE**

Valid for thirty-six (36) months from manufacturing date. (Exactly 1080 days)