

# **Rice Starch**

Raw Material for the Cosmetic, Nutraceutical and Pharmaceutical Industry.

## PHYSICO-CHEMICAL CHARACTERISTICS

Solubility Specific Weight (g/l) Granulometry Proteins (N x 6.25) Humidity Calorific Value Ashes Lipids Viscosity at 95 ^C (Brabender, 8 % M.S.) Whiteness pH (10 % solution) Sulphur Dioxide Cellulose Sodium, Potassium & Iron **Residual Solvents** Heavy Metals Lead Arsenic Cadmium Mercury Total Bacterial Count Molds & Yeasts Pathogens

practically insoluble in cold water and alcohol about 400 <= 75 microns <= 1.0 % <= 14.0 % about 400 Kjoule/100 g <= 0.60 % <= 0.10 % 450 - 600 BU >= 97 % 5.5 – 7.0 absent absent conforms absent (not used) <= 10 ppm <= 3 ppm <= 1 ppm <= 1 ppm <= 0.1 ppm <= 1000 cfu/g <= 500 cfu/g absent

#### DESCRIPTION

Very fine white powder, odourless and tasteless; it is a native starch from pure rice obtained by wet grinding. The rice starch, dispersed in cold water and subjected to subsequent boiling, swells with formation of a suspension which, on cooling, gels by retrogradation. It does not contain allergens, Gluten or GMO. It's main use is in all those thickening applications where a binding agent is required to assure more strength to the formulation.

#### STORAGE CONDITIONS

The powder is very hygroscopic, store the powder at 10-30°C, in a dry environment, in its original container tightly closed and use it before the expiry date on the label or until sings of deterioration or contamination are evident.

#### WARNING AND PRECAUTIONS

For professional use only. Operators must be trained and have certain experience in the laboratory methods. Please read the instructions carefully before using this product. Reliability of assay results cannot be guaranteed if there are any deviations from the instructions in this document.

Consult the Safety Data Sheet (SDS) for information regarding hazards and safe handling practices.

#### DISPOSAL OF WASTE

Disposal of waste must be carried out according to the national and local regulations in force.

#### SHELFLIFE

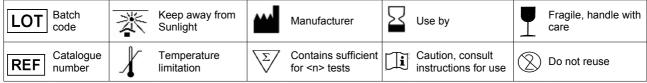
4 years

### PACKAGING

Ref. 610500

500 g pf powder in plastic bottle

#### TABLE OF SYMBOLS





Dehydrated raw material

Via Scozia, Zona Ind.le - 64026, Roseto degli Abruzzi (TE) - ITALY Tel +39 0858930745 Fax +39 0858930330 www.liofilchem.com