



# ROQUETTE

## BEAUTÉ



COSMOS  
APPROVED

## BEAUTÉ BY ROQUETTE® PO 260

Beauté by Roquette® PO 260 is a natural ingredient derived from starch with moisture preserving properties. Beauté by Roquette® PO 260 is a white crystalline powder suitable for a wide range of cosmetic applications.

As a powder ingredient, Beauté by Roquette® PO 260 also helps stabilize actives in the final product.

### BENEFITS AT A GLANCE:

- Actives carrier and stabilizer
- Humectant and moisturizer
- Opacifier and Mild scrubbing agent
- Anti-caking agent
- Freeze-drying agent

### INCI NAME:

Mannitol

### PHYSICAL ASPECT:

White or off-white crystals or powder

### ORIGIN:

Corn/wheat starch

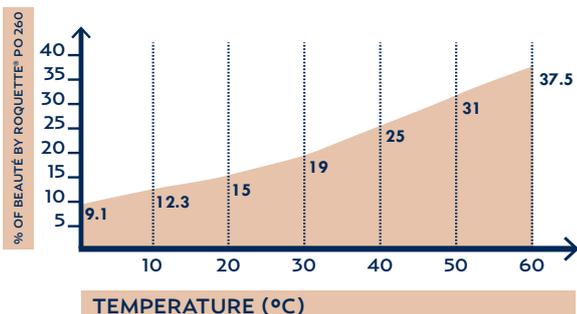
### SPECIFIC FEATURES:

- Excellent chemical stability
- Non-cariogenic

### SOLUBILITY IN WATER

Beauté by Roquette® PO 260 is soluble in water (15% at 20%), sparingly soluble in 95% ethanol (1.2%) and practically insoluble in ether.

BEAUTÉ BY ROQUETTE® PO 260 SOLUBILITY IN WATER

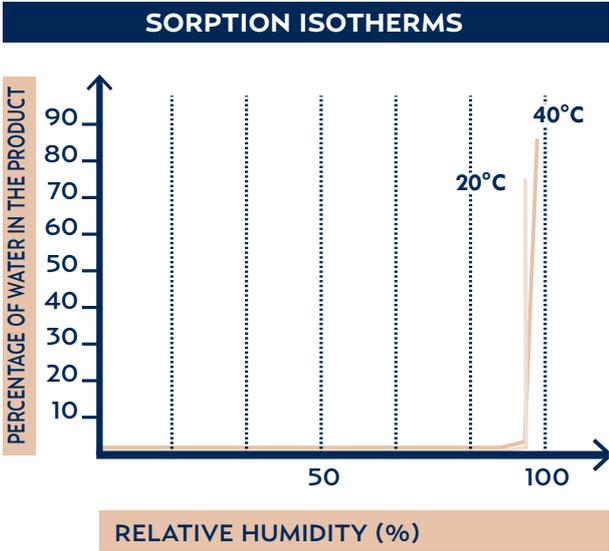


### SOLUBILITY IN SOLVENTS

Beauté by Roquette® PO 260 is soluble in different solvents at 20°C.

	<u>SOLUBILITY IN %</u>
WATER (20°C)	15.4
ETHANOL (95%)	1.2
ETHER	PRACTICALLY INSOLUBLE
GLYCERIN	5.3
PROPANOL-2	1.0
ALKALIS	SOLUBLE

**HYGROSCOPICITY**



**RECOMMENDED APPLICATIONS:**

Skin care, Colour cosmetics, Oral care

**RECOMMENDED USE LEVELS:**

2 to 90%

**pH OF USE:**

3- 10

**APPLICATION GUIDELINES:**

Incorporate into the water phase

**FORMULATION EXAMPLE:**

BUTTER LIPS SCRUB

	INCI NAME	COMMERCIAL NAME (SUPPLIER)	%
<b>PHASE A</b>	Jjoba Oil	Jjoba oil (Cooper)	14,50
	Caprylic/Capric Triglyceride	Labrafac CC (Gattefossé)	12.00
	Tocopherol (and) Beta-sitosterol (and) Squalene	Tocobiol C (Quimica Masso)	0.50
	Cera alba	Beeswax (Cooper)	14.00
	Butyrospermum parkii	Shea butter (Cooper)	25.00
	Mannitol	Beauté by Roquette® PO 260 (Roquette)	20.00
<b>PHASE B</b>	Cyclodextrin	Beauté by Roquette® CD 102 (Roquette)	6.00
	Aluminium octenyl succinate starch	Beauté by Roquette® ST 012 (Roquette)	8.00

**PROCESS**

- 1/ Mix phase A and heat up to 75°C, under gentle agitation.
- 2/ Allow to cool down to 50°C and add phase B.
- 3/ Allow to cool down to room temperature (20-25°C) while stirring gently.

FORMULATION SPECIFICATIONS	
ASPECT	SOFT BUTTER
pH	NA
VISCOSITY	NA
STABILITY	1 MONTH AT 50°C AND 3 MONTHS AT ROOM TEMPERATURE AND 40°C

Due to its chemical properties and its very high purity, Beauté by Roquette® PO 260 is non-hygroscopic.

Beauté by Roquette® PO 260 takes up water only above relative humidities of 92% at 20°C and 40°C.

**ECOLOGICAL PROFILE:**

Derived from 100% vegetable feedstock  
 ISO 16128 Ino\* = 1  
 Readily biodegradable (OECD 301)



\* Natural Origin index = Number of natural carbon atoms/Total number of carbon atoms (natural 14 & non natural)

**REGULATORY STATUS:**

Conform to:

- Europe - European Cosmetic Regulation 1223/2009 and its amendments
- USA - FD&C Act – 21 CFR 700 to 740
- China - Hygienic Standard for Cosmetics: listed IECIC 2015
- Japan - Regulation for cosmetics

*Non exhaustive list of countries, please contact us for additional information.*