

BEAUTÉ BY ROQUETTE® PO 370



Beauté by Roquette[®] PO 370 is a very versatile moisturizing ingredient perfect for skin care, oral care, colour cosmetics and hair care.

Thanks to its large particle size, Beauté by Roquette[®] PO 370 can also be used as a mild scrubbing agent in your daily facial wash.

You may also use Beauté by Roquette[®] PO 370 in flavored lipsticks and oral care products to provide some sweetness or simply to mask a bitter taste and thus improve overall sensorial experience.

BENEFITS AT A GLANCE:

- Humectant
- Tooth remineralisation
- Tooth decay prevention
- Biostatic agent at high concentration
- Flavouring and sweetening agent

SPECIFIC FEATURES:

- High solubility in water (about 64g/100g water)
- Excellent thermal and chemical stability
- Reduces microbial growth
- Reduces chemical reactions and enzyme activity in the final product
- Sweet flavour

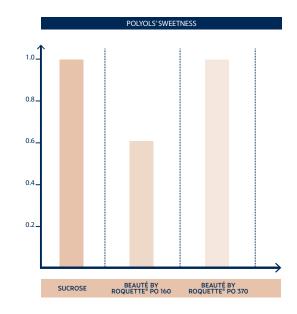
INCI NAME: Xylitol

PHYSICAL ASPECT:

Odorless, white or off-white crystalline powder

ORIGIN:

- Corn starch
- Beauté by Roquette[®] PO 370 is obtained from glucose through a biotechnological process patented by Roquette



RECOMMENDED APPLICATIONS:

Oral care, Skin care, Hair care, Colour cosmetics

RECOMMENDED USE LEVELS:

- Oral care 5 to 30%
- Skin care 5 to 10%

pH OF USE:

3-10

APPLICATION GUIDELINES:

Incorporate into the water phase

ECOLOGICAL PROFILE:

Derived from 100% vegetable feedstock $|SO| 16128 \ln^* = 1$

Readily biodegradable (OECD 301)



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

FORMULATION EXAMPLE:

LIPS «CANDY» SYRUP

COMMERCIAL NAME % **INCI NAME** (SUPPLIER) Demineralised water Up to 100 Aqua PHASE A1 Beauté by Roquette[®] PO 720 (Roquette) Hydroxypropyl starch 0.20 Beauté by Roquette® PO 070 (Roquette) 60.00 Sorbitol PHASE A2 Beauté by Roquette® PO 370 (Roquette) 10.00 **Xylitol PHASE B** Xanthan gum Keltrol (CP Kelco) 0.30 Flavour Arôme Pèche (Aromazone) 0.50 FDC Yellow 6 (Sensient Cosmetic CI 15985 QS Technologies) **PHASE C** Carmin soluble W 3014 (Sensient Cosmetic CI 75470 QS

Technologies)

Microcave PE (Thor)

PROCESS

Room temperature process

1 / Disperse Beauté by Roquette® ST 720 in aqua while stirring gently.

Phenoxyethanol

- 2/ Add and dissolve Beauté by Roquette® PO 370 and PO 070 into A, under gentle agitation.
- 3/ Under agitation disperse and hydrate xanthan gum into A1+A2.
- 4/ Add successively ingredients of Phase C while stirring gently.

FORMULATION SPECIFICATIONS	
ASPECT	COLOURED TRANSPARENT LIQUID
pH	5.7 - 6.1
VISCOSITY	BROOKFIELD, SP5, 20 RPM, 1 MIN: 800 - 1200 mPa.s
STABILITY	1 MONTH AT 50°C AND 3 MONTHS AT ROOM TEMPERATURE AND 40°C

REGULATORY STATUS:

Conform to:

Europe - European Cosmetic Regulation	
	1223/2009 and its amendments

- USA - FD&C Act - 21 CFR 700 to 740
- Hygienic Standard for Cosmetics: listed China **IECIC 2015**
- Japan Regulation for cosmetics

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

0.50

© 2019 Roquette Frères – All rights reserved. Roquette® and the Roquette® logo are trademarks of Roquette Frères - COS _ PO370- TDS -05.2e/07.2019 Nothing contained herein constitutes a license to practice under any patent and it should not be construed as an inducement to infringe any patent and the user is advised to take appropriate steps to be sure that any proposed use of the product will not result in patent infringement. Image: © Shutterstock.