



BEAUTÉ BY ROQUETTE® PO 455 & BEAUTÉ BY ROQUETTE® PO 475



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Beauté by Roquette® PO 455 and Beauté by Roquette® PO 475 are COSMOS approved plant-based humectants & texturizers.

Those pure maltitol syrups, specifically designed for cosmetics, are produced by hydrogenation of natural disaccharide maltose obtained from a specific enzymatic hydrolysis of native starch.

They are used in cosmetic products for their multifunctional properties, mainly acting as humectants, texturizers and palatability enhancers in oral care.

BENEFITS AT A GLANCE:

- Humectants
- Thickeners
- Stabilizers
- Water dissolution rate enhancers for actives
- Flavoring agents, sweeteners and gloss enhancers
- Salivation boosters, oral dryness reducers and plaque acids neutralizers

INCI NAME

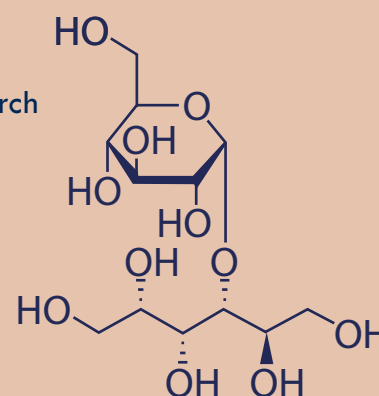
Hydrogenated starch hydrolysate

PHYSICAL ASPECT:

Clear, colorless syrupy liquid miscible with water, glycerol or other polyols

ORIGIN:

Corn/Wheat starch



SPECIFIC FEATURES:

- Very high water miscibility and solubility
- High thermal stability & non browning up to temperature of 200°C
- High chemical stability at low & high pH - no Maillard reaction (browning reaction)
- High bacteriological quality and stability
- Non fermentable by many microorganisms
- Non skin irritating powder
- Non cariogenic
- Kosher, Halal, ISO 9001 certified

Beauté by Roquette® PO 455 contains about 55% maltitol on dry matter. It is a viscous clear, stable & non-crystallizing syrup, able to give body to cosmetic products.

Beauté by Roquette® PO 475 has a higher content in maltitol on dry water (75%). As a consequence this syrup has a higher sweetness and maltitol crystallization may occur during time. It is a clear solution, with a lower viscosity than Beauté by Roquette® PO 455. It is therefore a low viscosity maltitol syrup.

RECOMMENDED APPLICATIONS:

All cosmetic applications

USAGE LEVELS:

0.5 - 10%

pH OF USE:

3 to 10

APPLICATION GUIDELINES:

Incorporate into the water phase

ECOLOGICAL PROFILE:

Derived from 100% vegetal feedstock

SO 16128 Ino^{*}=1

Readily biodegradable (OECD 301)



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

REGULATORY STATUS:

CAS Number: 68425-17-2

EINECS Number: 270-337-8

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.