ROQUETTE
BEAUTÉ

BEAUTÉ BY ROQUETTE® DS 112

Beauté by Roquette® DS 112 is a plant-based thickening and stabilizing system, providing light to creamy texture with a unique dry, smooth & velvet feel.

Beauté by Roquette® DS 112 is a non-ionic powder, with a very high tolerance to pH and electrolytes.

Beauté by Roquette® DS 112 is convenient for both hot & cold process and suitable for a wide range of cosmetic products.

BENEFITS AT A GLANCE:

- Thickener and stabilizer system
- Unique dry & velvet feel
- Not impacted by pH or electrolytes
- Provides translucent formulations

INCI NAME:
Starch acetate & Hydroxyethylcellulose & Xanthan gum

PHYSICAL ASPECT:
Off-white flowing powder

ORIGIN:
Plant-based ingredients

SPECIFIC FEATURES:

- Non-ionic powder
- Dispersible powder

RECOMMENDED APPLICATIONS:

All cosmetics applications

USAGE LEVELS:

1 - 10%

pH OF USE:

4 - 12

APPLICATION GUIDELINES:

Incorporate into the water phase

ISO/CERTIFICATION:

ISO 16128 natural origin Index (Ino): 0.93

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 - Japanese Pharmaceutical Affairs Law – Regulation for cosmetics

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

FORMULATION EXAMPLE:

DAY CREAM

PHASE A	AQUA (WATER)	Up to 100 %
	GLYCERIN & PHENOXYETHANOL & CHLORPHENESIN	1.00 %
	BEAUTÉ BY ROQUETTE® DS 112	4.00 %
	GLYCERIN	2.00 %
PHASE B	C14-22 ALCOHOLS & C12-20 ALKYL GLUCOSIDE	4.00 %
	HELIANTHUS ANNUUS SEED OIL	15.00 %
	TOCOPHEROL & BETA-SITOSTEROL & SQUALENE	0.02 %
PHASE C	FRAGRANCE	0.20 %

PROCESS

1/ Heat up phase A to 70°C for 20 minutes under stirring

2/ Heat up phase B to 70°C under stirring

3/ Emulsify phase B into phase A under stirring for 10 minutes. Cool down to room temperature

4/ Add phase C

FORMULATION SPECIFICATIONS	
ASPECT / COLOUR / ODOUR	WHITE PERFUMED CREAM
pH	AROUND 6.5
VISCOSITY	BROOKFIELD, SP5, 20 rpm, 1 MIN: AROUND 12 000 mPa.s
STABILITY AT 40°C & 50°C	2 MONTHS (IN PROGRESS)