

# **BEAUTÉ BY ROQUETTE® CD 110**

# Beauté by Roquette<sup>®</sup> CD 110 is a plant-based active recommended for your skin care and fine fragrance formulations.

This plant-based ingredient, derived from potato starch, is also a carrier and active enhancer through inclusion complex formation. To boost the efficacy of your actives and provide long lasting fragrances, use Beauté by Roquette<sup>®</sup> CD 110.

# **BENEFITS AT A GLANCE:**

- Active carrier & stabilizer
- Active booster & solubilizer
- Firming agent
- Long lasting fragrance enhancer
- Light degradation stabilizer

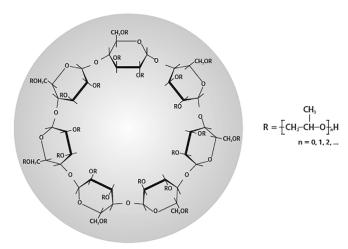
INCI NAME: Hydroxypropyl cyclodextrin

# **PHYSICAL ASPECT:**

White or off-white, amorphous or crystalline powder

# ORIGIN: Potato starch

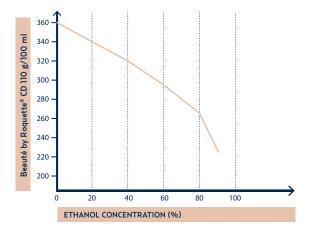
#### **SPECIFIC FEATURES:**





WATER	VERY SOLUBLE (>60%)
PROPYLENE GLYCOL	FREELY SOLUBLE
PEG 400	FREELY SOLUBLE
I-PROPANOL	SLIGHTLY SOLUBLE
ETHANOL	SPARINGLY SOLUBLE

BEAUTÉ BY ROQUETTE®CD 110 SOLUBILITY IN AQUEOUS ALCOHOL SOLUTIONS AT 20°C



# **RECOMMENDED APPLICATIONS:**

All cosmetics and perfume applications

#### **RECOMMENDED USE LEVELS:**

2 to 99% upon formulation

#### pH OF USE:

3-10

#### **APPLICATION GUIDELINES:**

Add the powder in the water phase

#### **ECOLOGICAL PROFILE:**

Derived from 100% vegetable feedstock ISO 16128  $lno^* = 0.69$ 

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

## FORMULATION EXAMPLE:

HEAVY LEGS GEL

## **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.

	INCI NAME	COMMERCIAL NAME (SUPPLIER)	%
	Aqua	Demineralised water	Up to 100
PHASE A1	Sorbitol	Beauté by Roquette® PO 070 (Roquette)	5.00
	Hydroxypropylcellulose	Natrosol 250 HHR (Ashland)	1.00
PHASE A2	Hydroxypropyl cyclodextrin	Beauté by Roquette® CD 110 (Roquette)	5.00
PHASE B	Ethanol	Ethanol	10.00
	Menthol	Menthol cristallisé (Aromazone)	4.00
	Menthyl Lactate (and) PPG-26-Buteth-26 (and) PEG-40 Hydrogenated Castor Oil	Covafresh (Sensient Cosmetic Technologies)	1.00
PHASE C	Phenoxyethanol & Chlorphenesin	Microcare PHC (Thor)	1.00
PHASE D	CI 42090	UNICERT BLUE 05601-J (Sensient Cosmetic Technologies)	QS

#### PROCESS

1/ Add Beauté by Roquette® PO 070 and Hydroxyethylcellulose into water of Phase A1, under agitation.

2/ Add Phase A2 into A1 while stirring gently.

3/ Prepare premix Phase B and add into A1+A2, under gentle agitation.

4/ Add Phase C and D into A+B while stirring gently.

FORMULATION SPECIFICATIONS		
ASPECT	OPALESCENT LIGHT BLUE HYDRO ALCOHOLIC GEL	
рН	4.5 - 5.0	
VISCOSITY	BROOKFIELD, SP2, 20 RPM, 1 MIN: 8 500 - 10 500 mPa.s	
STABILITY	1 MONTH AT 50°C AND 3 MONTHS AT 40°C AND ROOM TEMPERATURE	

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