

Microzest 25 Gardenia Blue



Microzest 25 Gardenia Blue is manufactured by micronisation of fruits dry extract of Gardenia Florida (*G. jasminoides* Ellis), also known as Cape Jasmine.

100 %
RENEWABLE
BIODEGRADABLE
GMO Free

TECHNICAL DATA

Presentation	Powder (for a COSMETIC use only)
Colour	Dark blue powder
Fragrance	Characteristic
Microbiology	<100 cfu/g
Packaging	5 kg – 1 kg drum VACUUM
Shelf-life	24 months
Dry matter	> 85%
Volumic mass	350- to 550 g/L
pH	6,0 – 8,0 (5% aqueous dispersion)
CTFA/CTFA	GARDENIA FLORIDA FRUIT EXTRACT - MALTODEXTRIN
CAS / EINECS	92457-01-7 & 9050-36-6 / 296-280-9 & 232-940-4

1 } PARTICULE SIZE

Name	Code	Size (µm)
Microzest 25 Gardenia Blue	G315	≤25µm ≥50% ≤50µm ≥95%

2 } Smooth Texture

The micronisation process, ensuring soft and smooth textures, allows actives and spices' scents to express naturally in all the formulations.

3 } MARKETING IMPACT



Gardenias are widely used as exotic ornamental flowers in corsages, as houseplants, and in some regions, as outdoor plants. A yellow silk dye has been made for centuries from the chemical compound acrocetin extracted from the gardenia berry. The blue pigments are edible and are currently being used as a blue food colorant in East Asia.

4 } COMPATIBILITY & STABILITY

Its extremely fine particles size enables a dispersion or solubilisation in numerous formulations, Microzest 25 is designed to be dispersible in oily phase. In this situation the stability is good.

5 } REGULATORY CONSTRAINTS

