

## SPECIFICATION SHEET

### **PNJ JOJOBA BEADS 20/40 OCEAN BLUE**

PNJ Jojoba Beads are micro spheres made with Pure Natural Jojoba (PNJ) esters. PNJ Jojoba Beads 20/40 have a particle size range of 425 microns to 850 microns (#40 to #20 USA Standard Testing Sieve).

INCI Name: Jojoba Esters

CAS No.: 61789 – 91-1

EINECS No.: 296-292-4

JCIC No.: 520591

Botanical Origin: Simmondsia Chinensis (Jojoba) Seed Oil

Specifications at time of packaging:

<u>Property</u>	<u>Specification Range</u>	<u>Method</u>
Appearance	Free flowing microspheres	Visual
Color	Blue	Visual
Melting point	67 – 71°C	Capillary slip point
Microbial Contamination	< 100 CFU/g	Microbial Contamination Assessment
Particle Size		
Retained on #20 sieve (850 microns)	10% max. by weight	USA Standard Testing Sieve, ASTM E-11 Spec
Retained on #40 sieve (425 microns)	85% min. by weight	
Pass through #40 sieve (425 microns)	10% max. by weight	

#### Composition by INCI Name

Jojoba Esters

Pigment: Ultramarines (CAS # 1317-97-1, CI # 77007)

balance

< 3%

Shelf Life: 2 years from date of shipping when kept in original unopened container and stored at or below 35°C.

Storage: Store in cool dry place. Protect from direct sunlight.

Recommended Use: PNJ Jojoba Beads may be used in formulation from 1% to 15% depending on desired visual effect and aggressiveness of exfoliation. PNJ Jojoba Beads are ideal for bath and body gels, scrubs, and polishes. They are 100% biodegradable.

NOTE: Some colors may be unstable in low pH solutions or when exposed to concentrated chemicals such as acids, alkali, and surfactants. We strongly recommend bench testing for color stability with your formula.

*Date of last revision: 17/11/2014*