

MICROZEST

micronised plants

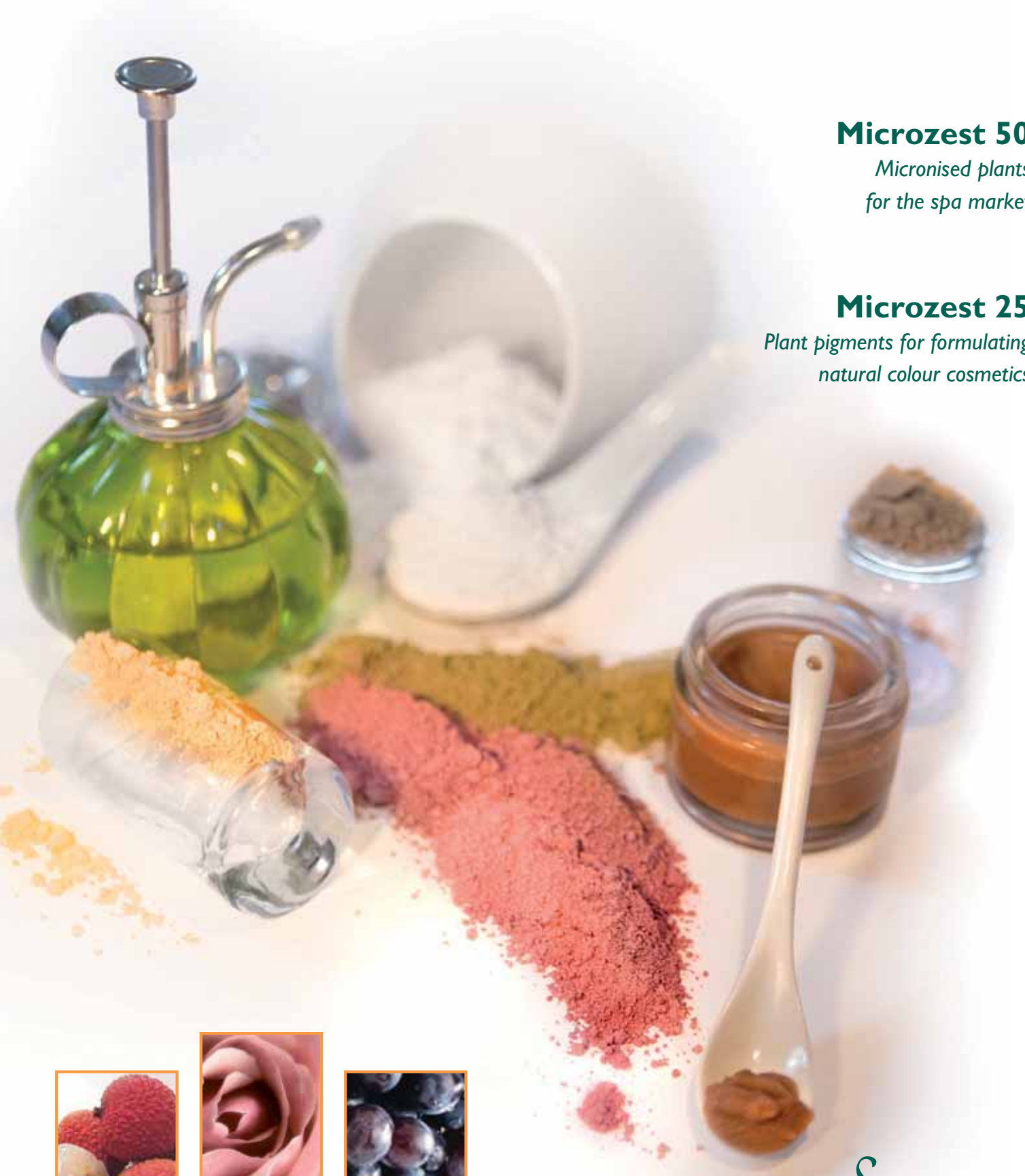
State of the art
technology
for two
complementary
markets

Microzest 50

*Micronised plants
for the spa market*

Microzest 25

*Plant pigments for formulating
natural colour cosmetics*



SPA ingredients by

LESSONIA
micronisation
algues & plantes



MICROZEST 50

micronised plants

Four families of plant powders
for customizing your spa products.

In order to respond to the growing demand for natural products in the spa industry, Lessonia has developed sophisticated micronization technology that permits the transformation of rough pieces of plants into incredibly fine powders. These powders provide all galenic preparations with an unctuous texture.

EXOTICS

As of the first touch, these exotic and sophisticated textures invite you to escape to a far-off paradise. Plants from Asia and from throughout the tropics exude sumptuous and spicy fragrances.

- **Ginger:** a tantalising spice with heating properties to warm the skin by stimulating blood circulation
- **Green Tea:** an excellent source of various polyphenols, a chemical substance that encourages anti-oxidant activity and that is renowned for its ability to reduce cellulite
- **Lotus:** an effective astringent that also matifies skin
- **Cocoa:** Very rich in theobromine, a lipolitic molecule with draining and detoxifying properties, that is also widely acclaimed for its effectiveness in reducing stress
- **Coffee:** Caffeine is one of the principle active ingredients used to encourage slimming

MEDITERRANEAN

This collection of sun-drenched plants nourishes the skin and refreshes the mind.

- **Lemon:** Lemon peel encourages localised peripheral circulation, stimulates the regeneration of supporting tissues, and has a brightening effect on skin.
- **Bitter Orange:** Thanks to its essential oils, this fruit is an excellent skin tonic and anti-oxidant.
- **Orange:** As a symbol of vitality, sweet orange provides a veritable cocktail of vitamins that slows the process of skin ageing.
- **Rose:** This symbol of eternal beauty arouses the senses with its mystical perfume.

FRESH FRUITS

This line exudes health and freshness; it awakens the senses with reminders of sun-ripened fruit bursting with juice.

- **Red Grape:** Vinotherapy is recognised as one of the most effective natural techniques for protecting skin and revitalising the body.
- **Cranberry:** This rich source of polyphenols and tocotrienols is a real multi-tasker, providing anti-microbial protection, fighting free radicals, and moisturising skin (omega 3 and 6).
- **Black Currant:** this effective antioxidant is rich in gamma-linoleic acid and anthocyanins
- **Apple:** Extremely rich in polyphenols (Kercetin, Catechin, Phloridzin,...)

MARINES

The undisputed source of energy and harmony, seaweed is the age-old foundation of Thalassotherapy.

- **Laminaria:** Remineralising and slimming
- **Fucus:** Remineralising and slimming
- **Wakame:** Remineralising and slimming
- **Ascophyllum:** Remineralising and slimming
- **Lessonia:** Remineralising and slimming
- **Spirulina:** Firming, anti-ageing
- **Chlorella:** Firming, anti-ageing
- **Nori:** Firming, anti-ageing
- **Ulva:** Amino Acid
- **AO Nori:** Amino Acid
- **Marine Silt:** Fangotherapy, Remineralising
- **Marine Sediment:** Fangotherapy, Remineralising
- **Lithothamnium:** Remineralising
- **Pearl:** Remineralising

Formulas

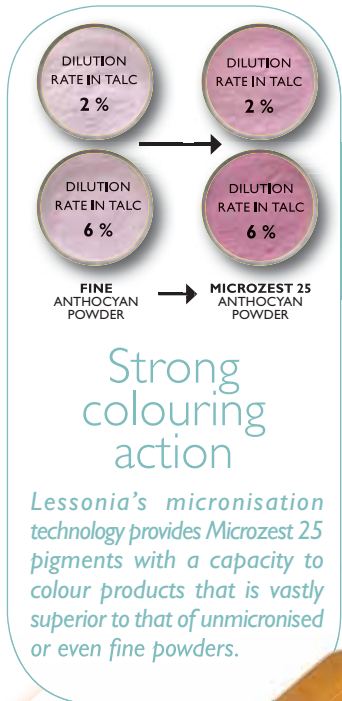
PRODUCT : BODY POLISH	PERCENTAGES
Sucrose Esther Microemulsion	20,0%
Glycerin	10,0%
Vegetal Oils	53,0%
Microzest Bitter Orange	8,0%
Lychee Exfoliator 1000	2,0%
Orange Exfoliator 2000	3,0%
Grape Exfoliator 1000	4,0%
	100,0%



MICROZEST 25

plant pigments

These plant pigments, 100 % natural, are expertly micronised in order to be effective natural colouring agents. Microzest 25 can be easily dispersed throughout any kind of formulation and is extremely stable in oil-based products.



BROWN

Argan, Lychee, Apple, Coconut

These four brown hues combine to create a formidable palette of colours. The tones that result are ideal for a large variety of cosmetic projects, including foundations, tinted face creams, and lip balms (see the formula in the side bar for inspiration).



YELLOW

Orange, Bitter Orange, Lemon, Carrot Orange*

These four yellow nuances that each lean more or less towards orange or green, combined with a high concentration of vitamin C, create the possibility of elaborating brightly coloured, energising products, including tinted creams and glosses. The only limit is your imagination! (possible formula below)



RED

Rose, Quinoa, Anthocyan Pink*, Carrot Pink*

Amazingly red when dispersed in oil, these powders are perfect for manufacturing natural butter, lip balm, press and loose powders. Furthermore, they can easily substitute talc to brighten up conventional loose powder formulations.



GREEN

Green Tea

This energizing powder is perfect for manufacturing earthy to emerald shades of eye shadow and mascara.



BLUE

Gardenia Blue*

This extremely dark blue powder is perfect for creating eye shadow, but also press and loose powders. Gardenia is said to be the most stable natural blue pigment. As a result, it can be used also for the formulation of cosmetic product, even those containing water.



WHITE

Bamboo, Rice, Lotus

As symbols of purity, these three powders are designed to be used as matifying agents in creams and loose powders; they can also be used in order to lighten other formulas. Moreover, they are very useful for fulfilling the requirements for organic certification when an organic filler in powder form is necessary.



PRODUCT : LEMON GLOSS	PERCENTAGES
Sucrose Esther Microemulsion	16,4%
Glycerin	12,0%
Shea Butter	17,0 %
Mango Butter	8,0 %
Oils (Pomegranate, castor,...)	44,0 %
Beeswax	0,5 %
Microzest 25 Lemon	1,5 %
Pearlescent Pigment	0,2 %
Tocopherol	0,2 %
Preservative	0,2 %
Fragrance	0,0 %
	100,0%

PRODUCT : ARGAN LIP BALM	PERCENTAGES
Castor oil	24,0%
Argan oil	23,0%
Beeswax	23,0%
Shea Butter	24,4%
Microzest 25 Argan	3,5%
Microzest 25 Bamboo	1,5%
Pearlescent Pigment	0,4%
Tocopherol	0,2%
	100,0%



* New microzest 25: water soluble pigments

The Bio cosmetics revolution

The present shift towards organic products in the cosmetics industry is not just fashion-driven behaviour, but rather a genuine worldwide movement that is gaining ground in all industries that are responsive to consumers' environmental concerns and to their desire to put human values first.

Lessonia offers the market its expertise in processing natural raw materials and its proficiency in environmentally friendly practices; Lessonia consistently acts to promote values that cultivate a sustainable economy and culture.

Natural or Organic?

Lessonia provides the market with two proposals whose suitability depends on the natural approach chosen by each brand. Both options permit the development of outstanding formulations, innovative galenic forms, rich fragrances, fresh and sensual textures, and a spectrum of colour that ranges from the most subtle to truly audacious...

- Bio trend with **BIOMicrozest**: certified organic: one step further for a truly organic range of products.
- Natural Trend with **GREENMicrozest**: approved for organic formulae, gamma ray free for nature-sensitive brands.

MICROZEST 50

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	Bio*	Green**
Argan	✓	
Green Tea		✓
Lotus		✓
Cocoa		✓
Coffee		✓
Apricot	✓	
Rose		✓
Red Grape		✓
Cranberry	✓	
Black Currant		✓
Apple		✓
Rice	✓	
Seaweeds		✓
Laminaria	✓	
Marine Silt & Sediment		✓

MICROZEST 25

plant pigments



	Bio*	Green**
Argan	✓	
Apple		✓
Lychee		✓
Coconut		✓
Rose		✓
Quinoa		✓
Bamboo		✓
Rice	✓	
Lotus		✓
Green Tea		✓

* Bio : organic certified
 ** Green : 100% natural.
 Approved by ECOCERT and other organic chart

Specifications

PARTICLE SIZE DISTRIBUTION

Microzest 50

100% finer than 80 microns
 95% finer than 50 microns

Microzest 25

100% finer than 50 microns
 90% finer than 25 microns

SHELF LIFE

Plants : 24 months - Marines : 36 months

BACTERIOLOGICAL STATUS

Regular range

Total aerobic plate count < 100 germs/g
 Yeast & Moulds < 10 germs/g

Green and Bio range

Total aerobic plate count < 1000 germs/g
 Yeast & Moulds < 10 germs/g

PACKAGING

Microzest 50
 20 kg carton box
 25 kg bags for seaweed

Microzest 25
 10 kg carton box

INCI / CTFA

Each ingredient is registered in the INCI / CTFA nomenclature