



ImDerma
LABORATORIES

BioScience Integrated Platform

We offer one-stop solution from
customized ingredient development to industry
application.





Imdermalab[®] GA. N. GEL

INCI: Sodium Acrylates Copolyme(and)Lecithin

- **Function: Emulsifier, Moisture, Penetration**
- **Lecithin emulsifier, easy to operate in different formulations with high emulsify ability, compatibility and stability.**
- **Phospholipid from soybean**



Imdermalab[®] GA. N. GEL - “Gift from Heaven”

Lecithin emulsifier : amphiphilic molecules with two phases as an “Emulsifier”

- Natural emulsifier with hydrophilic and lipophilic ends
- Natural extracts without chemical modifications
- Having the similar structure as the cell membrane, more skin-friendly
- Build a double-layer structure of the entire cell membrane, thereby forming a protective layer of the cell and regulating the entry and exit of substances to maintain cell survival. Also known as restructuring, repairing, and soothing ingredient

The Advantage of Operation

- **Simple Emulsifier**

easy to operate. The viscosity curve is linear, showing stability between concentration and viscosity.

- **Main Emulsifier**

suitable for both hot/cold processes, No other co-emulsifiers are needed for mixing.

- **High Compatibility**

high compatibility with various emulsifiers.

- **Good Stabilizer**

stabilize emulsification system with low dosage, especially hot process.



Imdermalab® GA. N. GEL

Guardian Formula

Butter cream
Blast cream
Oil-like jelly gel
Sanitizing lotion(75% alcohol)
Massage cream
Mask gel
Mini pore smoother



Please contact your local distributor for formulation

Operation process

Moisture cream



Put GA.N.GEL into the oil



Stir to disperse GA.N.GEL



Add water and stir more than 1500 rpm until the emulsification finished.



Put GA.N.GEL into the water



Stir to disperse GA.N.GEL



Add oil and stir more than 1500 rpm until the emulsification finished.

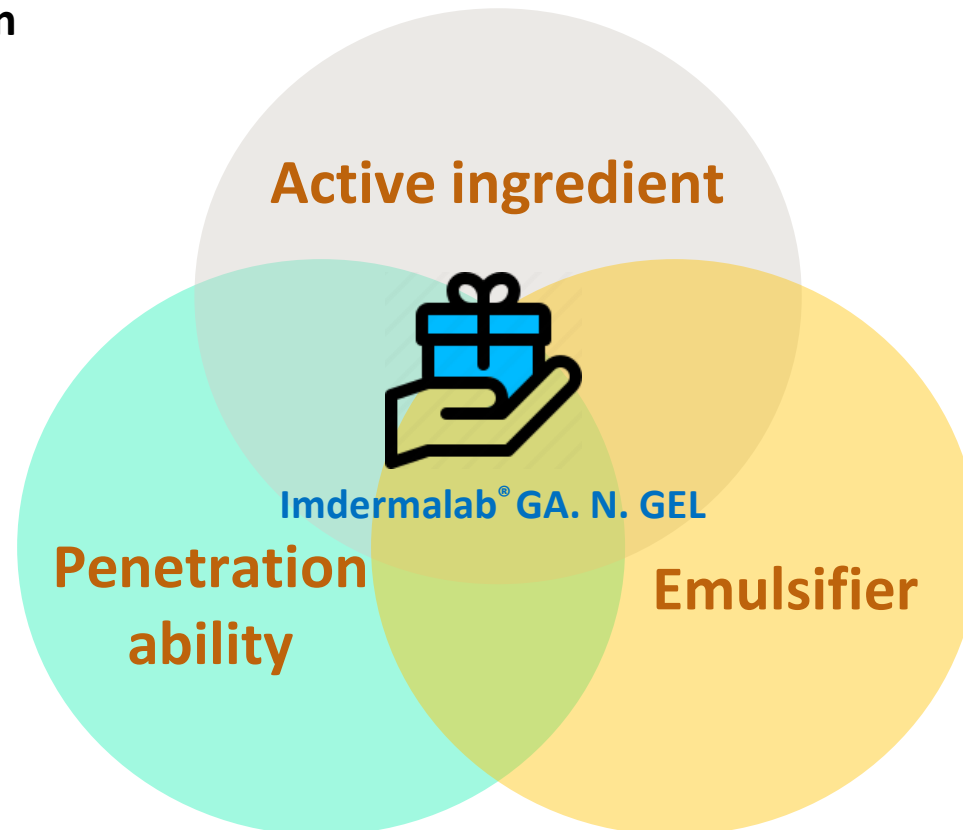


Not Only Just Emulsifier

Lecithin is a lipid, frequently been used for liposome preparation and it has the function of promoting penetration

GA.N.GEL provides a film feeling, that film feeling is the skin feeling where lecithin stays.

A protective form for skin



Imdermalab® GA. N. GEL

I can't help but keep touching "Baby's Soft Skin"

Momentary coolness

Soft and delicate

Smooth feeling

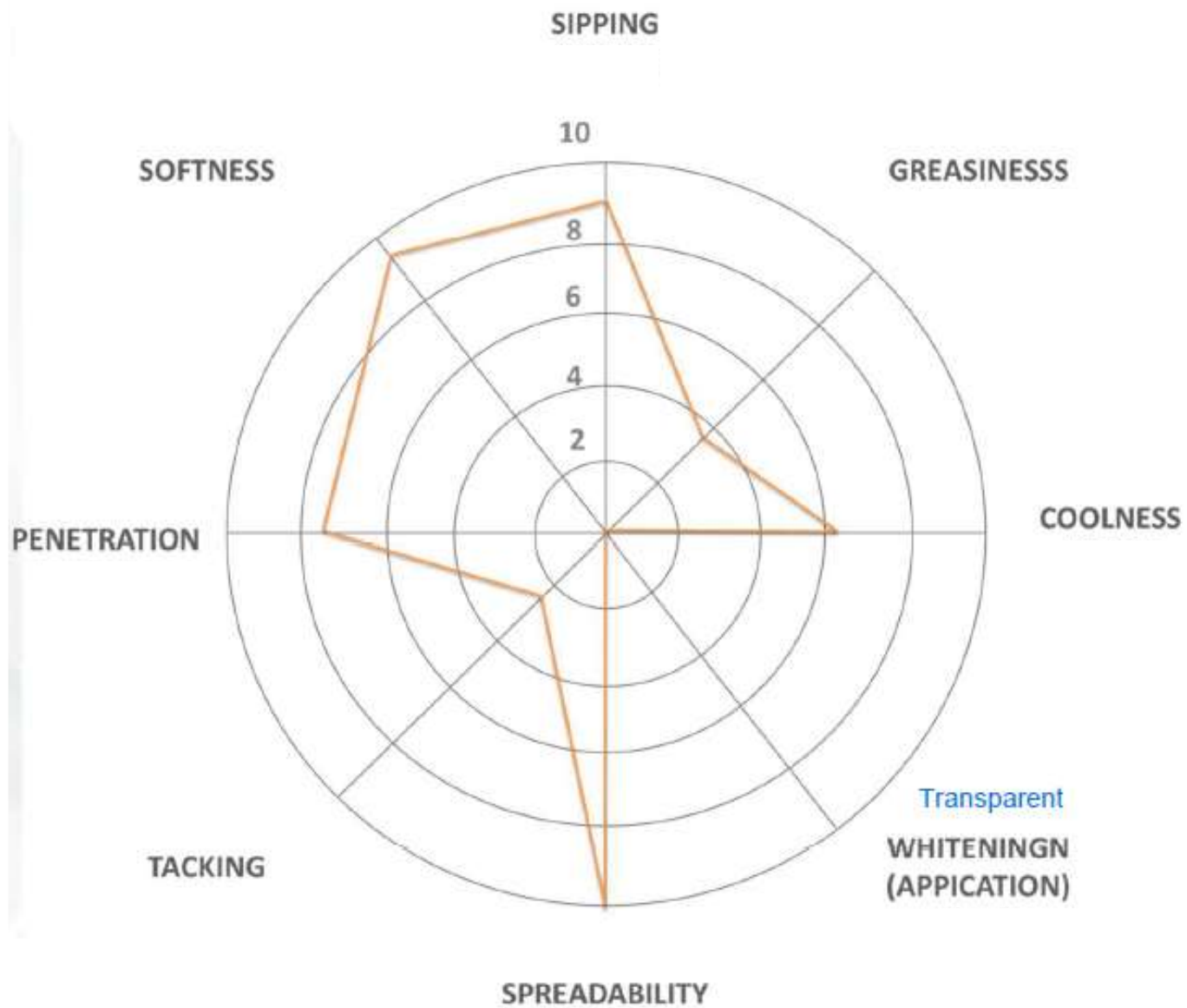
Not sticky

No oily feeling



Comparisons – vs. Commercial Lecithin Emulsifiers

	Imdermalab GA.N.GEL	Other brands of lecithin emulsifiers (LeciXXX)
Color	Whiter	Yellower
Odor	Mild	Strong
Particles	Uniform particle size	Uneven particle size
Finished product color	Nearly white	Yellowish
Oil emulsification capability	1 : 13-15 (GA.N.GEL : Oil)	1 : 8-9 (LeciXXX : Oil)
Dosage	1-2%	1-3%





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