



**ImDerma**  
LABORATORIES

## BioScience Integrated Platform

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







# Imdermalab<sup>®</sup> GA. N. GEL (Natural Lecithin Emulsifier)

INCI: Sodium Acrylates Copolymer(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<sup>®</sup> GA. N. GEL - “Gift from Heaven”

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**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 Emulsifer**

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

- **Main Emulsifer**

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.

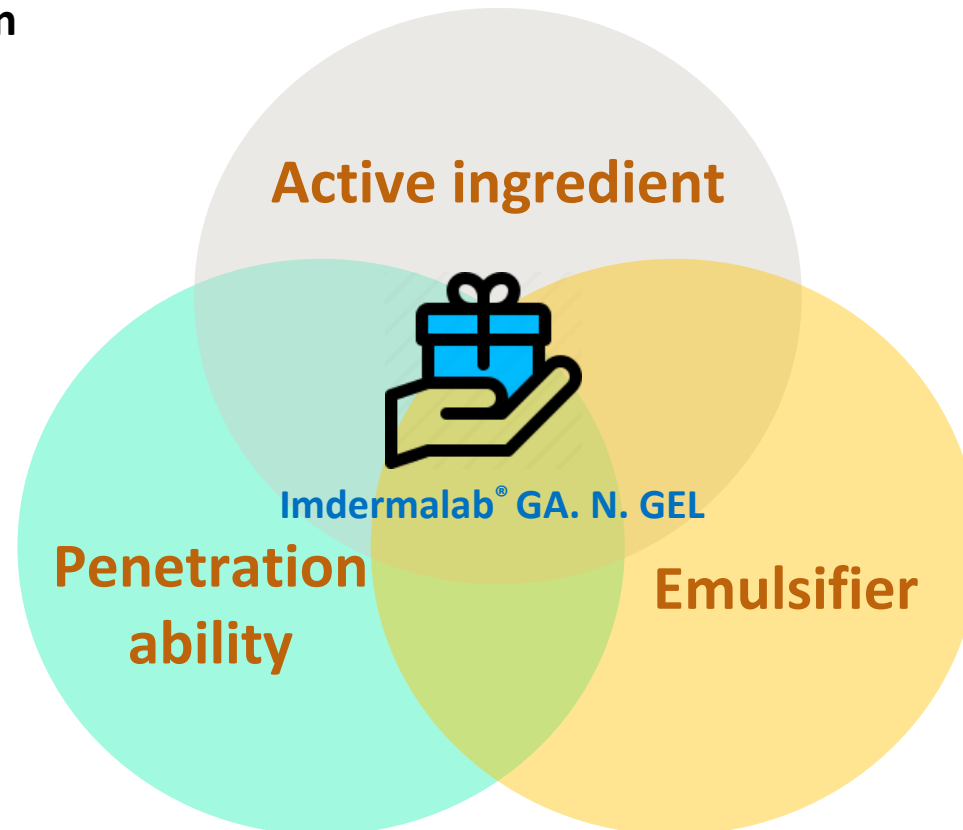


## Not Only Just Emulsifier

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

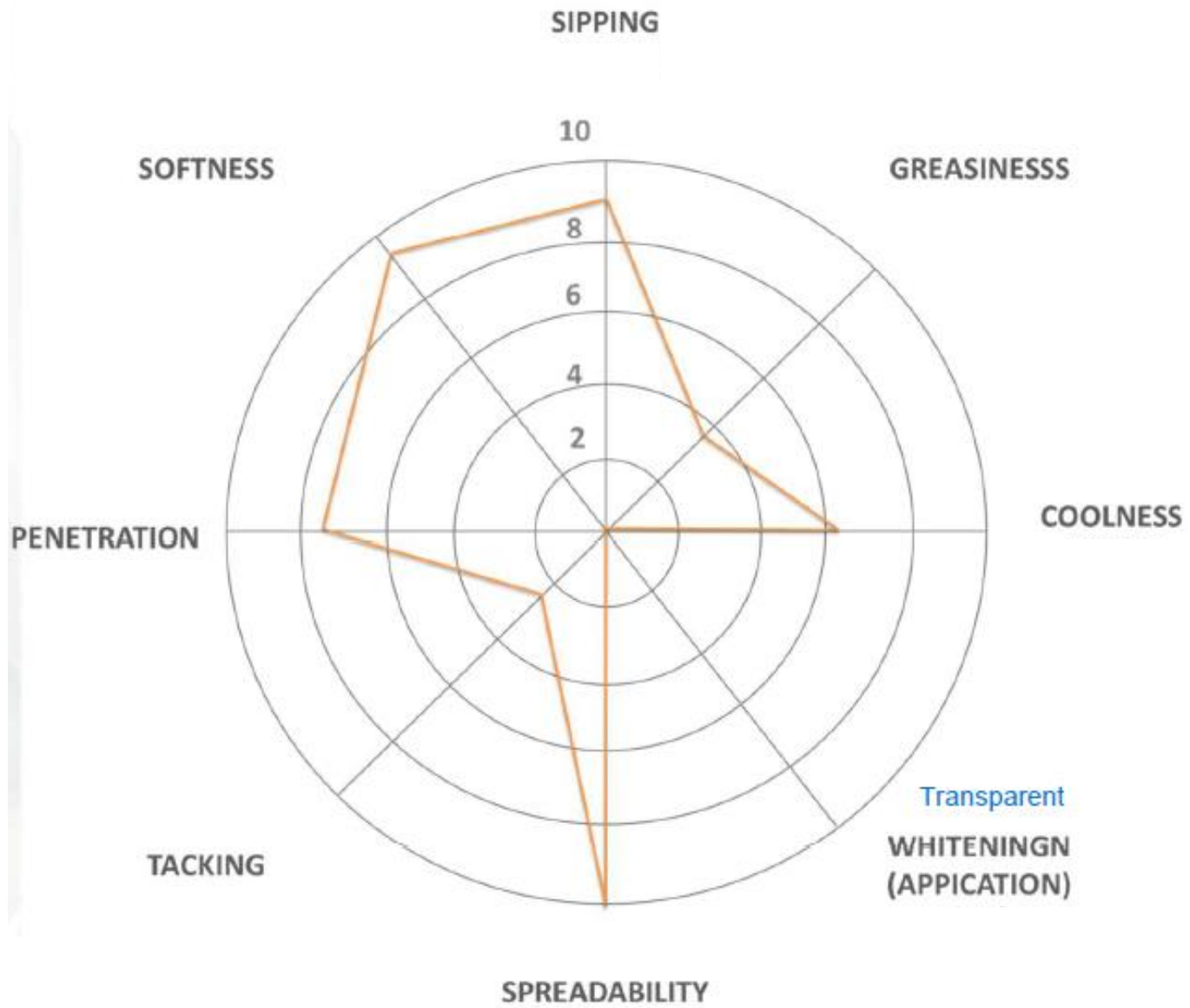
Smooth feeling

Not sticky

No oily feeling









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