

8D HA

8D Hyaluronic Acid

BIOTECH EDGE

8D Hyaluronic Acid embodies a **multi-dimensional hydration technology designed through precision biopolymer engineering**. Its **eight molecular weights form a stratified moisture network that enhances osmotic hydration, strengthens barrier function and improves water retention across the epidermis and deeper layers**. The advanced hydration matrix supports smoother texture, reduces visible dryness and flakiness, refines the look of enlarged pores and balances skin prone to sensitivity or excess sebum. By counteracting collagen and moisture irregularities, it contributes to improved elasticity, restored suppleness and a brighter, more revitalised complexion.



PRODUCT DETAILS

INCI name:

Sodium Hyaluronate (1.0-1.5 M Da), Hyaluronic acid (1.0-1.5 M Da), Hydroxypropyltrimonium Hyaluronate, Sodium Hyaluronate Crosspolymer, Sodium Acetylated Hyaluronate, Hydrolyzed Sodium Hyaluronate, Hydrolysed Hyaluronic acid, Hyaluronic acid (0.5W- 0.7 M Da)

Recommended dosage:

1 – 10%

Appearance:

Colourless to light yellow liquid

APPLICATIONS :



Hydration
boosters



Barrier repair
formulations



Anti-aging
treatments



Brightening and
rebalancing skincare



Gel creams,
moisturisers, sheet masks

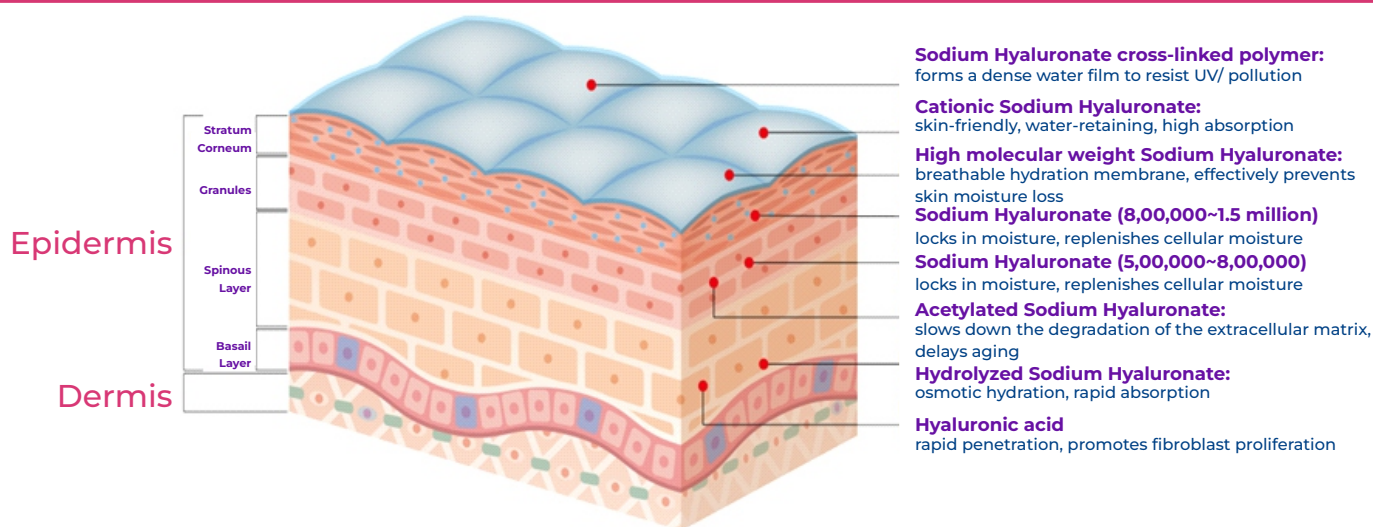


Post-procedure
soothing care

KEY FEATURES :

- Eight-fraction hyaluronic acid hydration system
- Non-animal origin
- Suitable for cosmetic applications
- High skin compatibility
- Designed for stratified, multi-depth hydration
- Supports osmotic water distribution across skin layers
- Provides enhanced and prolonged moisture retention

8D Sodium Hyaluronate is composed of Sodium hyaluronate cross-linked polymer, Sodiumhyaluronate(0.8million~1.5million),Sodium hyaluronate (0.5million~0.8million), Acetylated sodium hyaluronate, Hydrolyzed sodium hyaluronate (5000~10000), Phenoxyethanol, Ethylhexylglycerin, Water, Hyaluronic acid, Hydroxypropyltrimonium chloride hyaluronic acid, and hydrolyzed hyaluronic acid.



WHAT IT BRINGS TO YOUR FORMULATION :

- Superior sensory profile with soft, cushiony afterfeel
- Fast absorption with deep hydration distribution
- Enhances suppleness and plumpness
- Strengthens product claims in hydration, elasticity and barrier health
- Improves clinical performance of serums and creams
- Boosts formulation stability through crosslinked HA network

Scientifically Proven Benefits :

- Increases skin hydration across multiple epidermal layers
- Reduces transepidermal water loss (TEWL)
- Enhances water distribution through multi-molecular-weight penetration
- Improves in skin elasticity
- Supports long-term moisture retention via crosslinked HA network
- Strengthens epidermal barrier function
- Improves overall skin suppleness and hydration balance