

Trade Name <i>INCI nomenclature</i>	Description	Applications <i>Use level</i>
Hyaluronan Based Products		
Sodium Hyaluronate <i>Sodium hyaluronate</i>	HA, an important component of the ECM, binds large amounts of water to ensure proper functioning of the skin. On the skin, it provides moisturization & exceptional aesthetic feel.	<ul style="list-style-type: none"> • Dry skin • Daily skin care <i>Use level: 0.01-0.1%</i>
HySilk® <i>Sodium hyaluronate</i>	Intermediate molecular weight hyaluronic acid has excellent water-binding capacity and supports epidermal renewal. Reduces redness and oxidative stress. Reduces oiliness of the skin.	<ul style="list-style-type: none"> • Sun care • Daily skin care • Troubled skin <i>Use level: 0.01-0.1%</i>
HyActive® <i>Sodium hyaluronate</i>	Very low MW hyaluronic acid penetrates the epidermis to provide multiple anti-aging benefits: stimulates HA synthesis and EGF expression, while reducing MMP and hyaluronidase activity.	<ul style="list-style-type: none"> • Anti-aging • Mature skin <i>Use level: 0.01-0.1%</i>
HyRetin <i>Sodium retinoyl hyaluronate</i>	Ester of very low molecular weight hyaluronic acid and retinoic acid. Penetrates the skin without Reduces sebum and pores size. Stimulates synthesis of collagen and fibronectin. Retains the anti-wrinkle and hydration benefits of HA.	<ul style="list-style-type: none"> • Troubled skin • Pores • Mature skin <i>Use level: 0.01-0.1%</i>
HyWhite <i>Sodium hyaluronate and Linolenic acid</i>	Very low molecular weight hyaluronic acid modified by α -linolenic acid, penetrates the epidermis and effectively lightens dark spots and improves uniformity of skin color. Tested on both Asian and Caucasian skins.	<ul style="list-style-type: none"> • Even pigmentation • Dark spots <i>Use level: 0.005-0.01%</i>
CrossLinked^{HA} <i>Sodium hyaluronate and Sodium hyaluronate crosspolymer-3</i>	Crosslinked hyaluronic acid powder forms a hydrogel that acts like a reservoir for water and active ingredients, which are gradually released to the skin. Imparts better hydration capability than standard hyaluronic acid.	<ul style="list-style-type: none"> • Delivery system for water-soluble actives • Superior hydration <i>Use level: 0.005-0.1%</i>
HA-Oil <i>Ricinus communis seed oil, Sorbitan olivate, Sodium hyaluronate, and Caproic acid</i>	Low molecular weight sodium hyaluronate, modified with caproic acid and dispersed in oil. Provides HA benefits and formulation flexibility in oil-based products. Has been shown to increase the viability of hair follicle cells, and imparts a plumping effect to lips.	<ul style="list-style-type: none"> • Hair/scalp products • Lip products <i>Use level: 1-2%</i>
OligoHyaferre® <i>Hydrolyzed sodium hyaluronate</i>	Hyaluronan disaccharides help reduce the appearance of wrinkles and increase elasticity by stimulating the production of high MW hyaluronan, suppressing the pro-inflammatory cytokine TNF- α , and inhibiting MMPs.	<ul style="list-style-type: none"> • Mature skin • Anti-aging <i>Use level: 0.01-0.05%</i>

Trade Name	Description	Applications
<i>INCI nomenclature</i>		<i>Use level</i>

Natural Polysaccharides

Carboxymethylglucan <i>Sodium carboxymethyl β-glucan</i>	Yeast-derived ingredient modulates the skin's immune response to inflammation, and supports antioxidant capacity. Improves skin texture and elasticity.	<ul style="list-style-type: none"> • Daily skin care • Mature skin <i>Use level: 0.01-0.1%</i>
Schizophyllan <i>Schizophyllan</i>	Fungal polysaccharide with a triple-helix conformation influences the response of dendritic cells, fibroblasts and keratinocytes to external stimuli and suppresses MMP activity before and after UV exposure. Prevents loss of Langerhans cells and glutathione depletion.	<ul style="list-style-type: none"> • Sun care • Anti-aging <i>Use level: 0.01-0.1%</i>
TanActine <i>Glucmannan</i>	Yeast extract helps maintain skin color by stimulating α-MSH, while reducing UV-induced erythema and suppressing formation of TT-dimers.	<ul style="list-style-type: none"> • Sun care <i>Use level: 0.01-0.1%</i>

Peptides

Cellcon <i>Hyaluronic acid (and) sh-Hexapeptide-1</i>	Peptide designed specifically to stimulate production of desmoglein-1 protein, a primary component of desmosomes. Supports cell junctions that improve the integrity of the epidermis.	<ul style="list-style-type: none"> • Anti-aging • Mature skin <i>Use level: 0.1-1%</i>
Clodessine <i>sh-Nonapeptide-4</i>	A fragment of the Klotho “youth protein”, this peptide revives senescent cells and boosts SIRT1 expression <i>in vitro</i> . Proven to reduce wrinkles, brighten skin, and reduce the appearance of pores <i>in vivo</i> .	<ul style="list-style-type: none"> • Anti-aging • Mature skin <i>Use level: 0.1-1%</i>
Elaself <i>sh-Pentapeptide-3</i>	Stimulates MFAP4 production by fibroblasts to improve assembly of elastic fibers. Visible improvement in fine lines and wrinkles	<ul style="list-style-type: none"> • Fine lines • Mature skin <i>Use level: 0.1-1%</i>
Zinnerine <i>Hexapeptide-2 and Zinc sulfate</i>	Retinol-like benefits with less irritation. Inhibits hyperkeratinization, decreases sebum production, anti-bacterial (<i>Cutibacterium acnes</i>), soothes inflammation.	<ul style="list-style-type: none"> • Troubled skin • Mature skin <i>Use level: 0.1-1%</i>

Others

PolluProtect <i>Hyaluronic acid, Glucmannan, Schizophyllan, Sodium hyaluronate crosspolymer</i>	Film-forming effect. Provides skin barrier enhancement. Decreases production of Radical Oxygen Scavengers. Anti-inflammatory effect.	<ul style="list-style-type: none"> • Pollution protection • Barrier enhancement <i>Use level: 0.05-0.1%</i>
---	--	---