



# ACTIVE

## JD Hydro Boost

A natural “Biome-friendly” Polysaccharide for anti-aging active beauty. JD Hydro Boost is an innovative edible fiber sourced from sugar cane for maximum robust and consistency, featuring unique anti-aging properties.



### HIGHLIGHTS

JD Hydro Boost provides a deep moisturization effect, aiding in the repair of skin cells, reduction of wrinkles, and balancing of skin microbiome. The fiber is perfect for leave-on applications – face/body creams, gels, masks, ampoules, patches – as well as rinse-off solutions, including dry scalp shampoos or moisturizing body washes.

JD Hydro Boost consists of 80% low molecular weight (average 700 Da), and 20% high molecular weight (average 1000 kDa). Repeated clinical and ex-vivo studies have demonstrated the fiber’s ability to penetrate the upper epidermal layers of the skin, promoting the activation of Extra-Cellular-Matrix mechanism, reformation, and secretion of Collagen-1.

#### **Claims:** JD Hydro Boost based formulations shows:

- Promotes Pro -Collagen-1 secretion and increases Extra-Cellular-Matrix remodeling
- Promotes skin rejuvenation by accelerating epidermal turnover
- Anti-aging agent - reduces wrinkles and provides a vital skin appearance
- Film-former for smooth skin appearance
- Humectant - Deeply moisturizes
- Shows “biome-friendly” properties

- Applications:**
- Skin Care, Face Care, Sun Care, Color Cosmetics
  - For Active Beauty, Aging-Well & Vitality

	Grade		
	JD Hydro Boost PS	JD Hydro Boost	JD Hydro Boost Dry
INCI	Aqua/Levan/Glucose/Fructose/Sucrose/ Sodium Citrate/Potassium Citrate/Citric Acid/Potassium Sorbate	Aqua/Levan/Glucose/Fructose/Sucrose/ Sodium Citrate/Potassium Citrate/Citric Acid	Levan/Glucose/Fructose/Sucrose/ Sodium Citrate/Potassium Citrate/Citric Acid
CAS Number	9013-95-0/50-99-7/57-48-7/57-50-1/68-04-2/866-84-2/77-92-9/24634-61-5	9013-95-0/50-99-7/57-48-7/57-50-1/68-04-2/866-84-2/77-92-9	9013-95-0/50-99-7/57-48-7/57-50-1/68-04-2/866-84-2/77-92-9
Recommended Concentration	1.6%	1.6%	1.0%
Active Concentration	27-40%	27-40%	50-57%
NOI according to ISO16128-1	0.97	0.97	0.94
Shelf life	24 months at 25°C, 36 months at <7°C	24 months at 25°C, 36 months at <7°C	36 months at 25°C
Packaging	5 kg, 25 kg	25 kg	1 kg

## Formulation

### JD Hydro Boost cream

Phase	Material Name	INCI Name	%
A	Demineralized water	Aqua (water)	To 100%
	Microcare SB	Aqua (water)/Sodium Benzoate/Potassium Sorbate	1
	Carbopol Ultrez 20	Carbomer	0.3
B	Demineralized water	Aqua (water)	1
	Sodium Hydroxide	Sodium Hydroxide	0.09
C	Emulium Delta	Cetyl Alcohol/Glyceryl Stearate/PEG-75 Stearate/Ceteth 20/Steareth-20	5
	Radiamulus MCT 2106	Caprylic/Capric Triglycerides	5
	White Beeswax	Cera Alba	3
D	JD Hydro Boost PS	Chamomilla Recutita Oil Levan/aqua/Fructose/Glucose/Sucrose/Sodium Citrate/Citric Acid/Potassium Hydroxide/Potassium Sorbate	1.6

Note: Seller makes no warranty of any kind, express or implied, concerning the use of this product in any application. User assumes all risk of use, storage, or handling, whether in accordance with directions or not.



This product is produced in compliance with: FSSC 22000, HACCP, Halal, Kosher, ISO 9001:2015

Jojoba Desert (A.C.S) Ltd. Kibbutz Hatzetim, D.N.Hanegev, 8542000 Israel Office: +972 8 6473296 [www.jjobadesert.com](http://www.jjobadesert.com)