

HA-OIL

Hydrophobized hyaluronic acid dispersed in oil



COSMOS



CHINA COMPLIANT



PATENTED PREPARATION

INCI: RICINUS COMMUNIS SEED OIL, SORBITAN OLIVATE,
SODIUM HYALURONATE, CAPROIC ACID



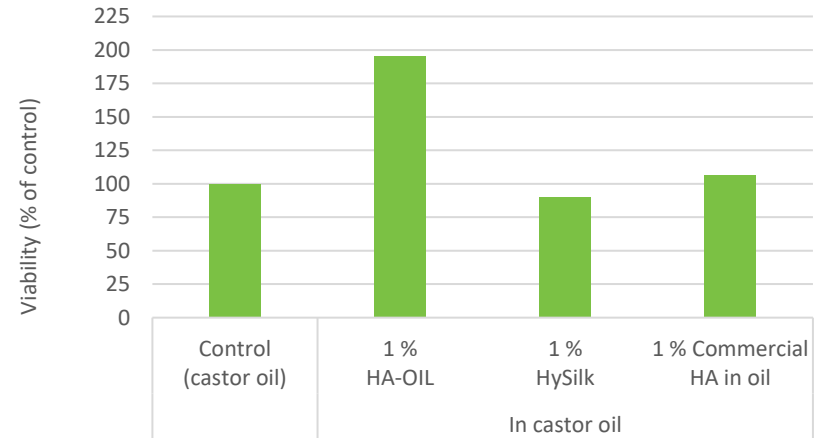


STIMULATION OF HAIR GROWTH

190%

INCREASED
VIABILITY OF
FOLLICULAR CELLS

Study by Contipro



Hair follicles incubated with HA-OIL (1%),
MTT cell viability assay

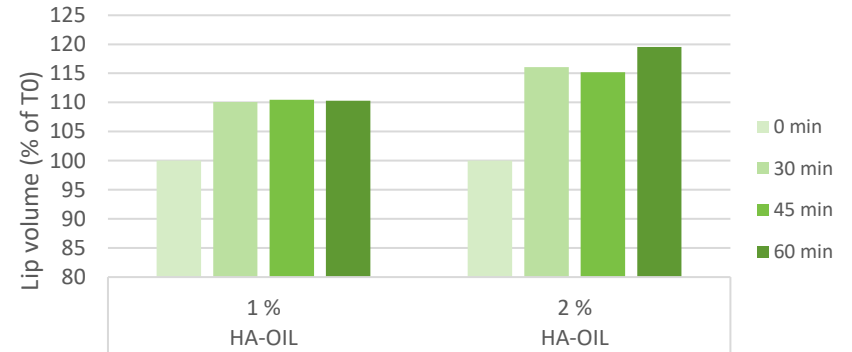


PLUMPING

20%

LIP PLUMPING
EFFECT

In vivo study by
Contipro



HA-OIL in lip balm, 15 volunteers, lips.
plumping effect determined by
Visioface 1000D

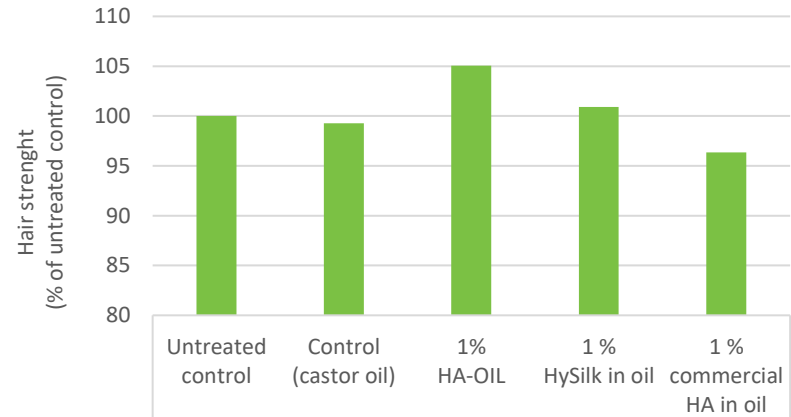


HAIR STRENGTH

5%

INCREASE IN HAIR
STRENGTH

Study by Contipro



Human hair incubated with HA-OIL (1%),
rinsed, air-dried, ripping test

Additional advantages of HA-OIL

- * Hair and lips smoothening
- * Hydrophobized form helps with better penetration
- * Skin calming effect
- * Skin barrier and hydration improvement
- * Sebum and pores reduction



HA-OIL in a form of ointment

Production of HA in Contipro

SUSTAINABLE BIOTECH PRODUCTION

Our HA is made by fermentation of a non-haemolytic microbial strain *Streptococcus equi*.

ENVIRONMENTAL FRIENDLY

Everything we make is biodegradable. We have our own solar power plant and wastewater treatment plant. Our buildings are heated with residual energy from our production operations.

NATURAL PRODUCT

Contipro's HA has natural index 1 (according to ISO 16128-1:2016 and 16128-2:2017)

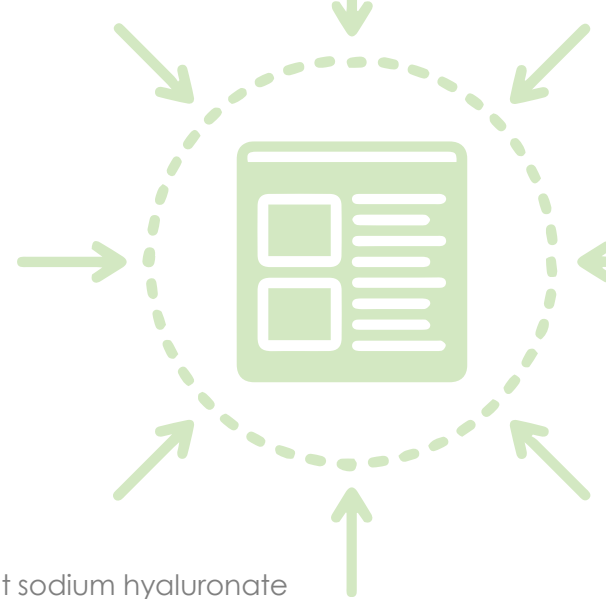


HA-OIL: Collected technical data

- **INCI name:** Ricinus communis seed oil, sorbitan olivate, sodium hyaluronate, caproic acid
- **Supplied form:** ointment
- **Samples:** 10 g
- **Minimal ordering quantity:** 1Kg
batch size 2kg/20Kg
- **Recommended concentration in final products:**
1 – 2 % of ointment
(safety tests performed up to 100%)
- **Shelf-life:** 24 months

- **Source:** Low molecular weight sodium hyaluronate modified with caproic acid and dispersed in oil
- **Compatibility and processing:**
Partly incompatible (precipitation may occur):
Caprylic/Capric Triglyceride, Oenothera Biennis Oil, Simmondsia Chinensis Seed Oil, Rosa Canina Seed Oil

HA-OIL is added into formulation as it is. For oil products (lipbalm, hair oils) is recommended to add HA-OIL into the preheated oil phase (75°C) and keep this temperature at least 30min (while stirring).
- **Solubility:** Insoluble in water, partly soluble in oil (the product is dispersion, not solution).



Who We Are

*World leader in research
and manufacturing
of hyaluronic acid.*

*Innovator in biotechnologies
since 1990.*

*Reliable partner of **successful
brands.***



We Are Here to Help You

ZUZANA JENÍKOVÁ

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for active ingredients*

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