

# Hyaluronic Acid

## FACT SHEET

**Description:** Biotechnologically produced from glucose, soy peptone & yeast extract. Hyaluronic acid is a natural polysaccharide (large sugar molecule) that occurs in various tissues (skin, synovial fluids of joints, connective tissues). Responsible for tissue hydration, lubrication, & tissue stability, holds 500 times its own weight of water. White powder, no odor. Soluble in water. pH 5-8.5 in 5% aqueous solution. Shelf-life up to 3 years if stored protected from humidity and microbial contamination. CAS# 9067-32-7.

**INCI Name:** Sodium hyaluronic acid.

**Properties:** Most powerful moisturizer & humectant known so far, provides smoothness & softening to the skin, excellent anti-wrinkle effects, promotes growth of new skin cells after peelings, supports wound healing.

**Use:** Typically used at 0.1 - 1%.

**Application:** Hydrating gels, moisturizing creams & lotions, anti-aging & anti-wrinkle products, pre/after sun lotions, protecting / nourishing & moisturizing skin care products, treatments for sensitive, dry skin.