



326 Exchange Drive  
Arlington, Texas 76011  
817-469-7777

## SPI – PROSOURCE HA – 100P (INCI: Sodium Hyaluronate)

### Description

Hyaluronic acid (HA) is a straight chain macromolecular mucopolysaccharide composed of repeating disaccharide units of glucuronic acid and N-acetylglucosamine. It widely consists in the extracellular space of human and animal tissue, vitreum, umbilical cord, skin joints synovia and cockscomb, etc. The commercial HA is commonly a sodium salt, called sodium hyaluronate, habitually called hyaluronic acid. Its molecular weight ranges from several ten thousand to several million Daltons. Its aqueous solution has outstanding moisture keeping ability, high viscoelasticity and lubricity. It is widely used in cosmetics, pharmacy and health and beauty food.

<b>Trade Name:</b>	Hyaluronic Acid
<b>Other Names:</b>	Sodium Hyaluronate
<b>CAS No:</b>	9067-32-7
<b>INCI Name:</b>	Sodium Hyaluronate
<b>EINECS/ELIINCS:</b>	232-678-0

### Use In Cosmetics

Daily Skin Care  
Night and Reparative Care  
After Sun  
Decorative Cosmetics  
Pre-Shaves, After Shaves  
Cleansers

### Product Specification/Models:

1. Food Grade
2. Cosmetic Grade
3. Eyedrops Grade(Pharm Grade)
4. Injection Grade(Pharm Grade)
5. High molecular weight HA
6. Low molecular weight HA

Solubility	Fully soluble in water and alcohol.
Toxicological Data	Non-irritating, Non-cytotoxic, Non-phototoxic.
Supplied Forms	100% Powder or granuels

### Compatibility

- Sensitive to heat. Heating to 90°C for 45 min. can lead to the molecular weight decrease up to 20%.
- Sensitive to low and high pH. Extreme values lead to molecular weight decrease.
- Incompatible with cationic substances, e.g. quaternized polymers or proteins.

#### **Silicones Plus, Inc - 326 Exchange Dr. - Arlington, TX, 76011 - Phone: 817-469-7777**

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