



*Specialized in chemicals*

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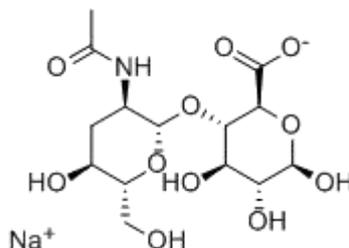
Site: www.tnjchem.com

## Technical Data Sheet

# Sodium Hyaluronate

### Product Information

Product Name	Sodium Hyaluronate
Synonyms	Hyaluronic Acid, Sodium Salt ;Hyaluronin; Hyalgan; Healon
CAS No.	9067-32-7
EINECS No.	232-678-0
Molecular formula	(C <sub>14</sub> H <sub>21</sub> NO <sub>11</sub> ) <sub>n</sub>
Molecular weight	403.31
Chemical structure	



### Physical Properties

Appearance	White
Physical State	Solid (powder)
Derived from	Streptococcus sp
Solubility	Soluble in water (5 g/l).
Storage	Store at -20°C

### Specification

Product Name	Purity	Glucuronic Acid
Sodium hyaluronate	≥95.0%	≥44.0%

\* Please refer to Certificate of Analysis for lot specific data.

## Safety

Sodium Hyaluronate is a stable material, not dangerous on transportation  
Always refer to the Material Safety Data Sheet (MSDS)

## Applications

### Food supplements:

Hyaluronic Acid through the oral administration after the digestion absorption, increases in vivo Hyaluronic Acid synthesis the precursor, causes in the skin and other organization's Hyaluronic Acid resultant quantity increases, thus enables the skin the water retention property to increase, rich elasticity, wrinkle reduction.

### Cosmetics applications:

Hyaluronic Acid has outstanding moisture keeping ability, thus called Natural Moisturing Factor in the world. Hyaluronic Acid is a common ingredient in skin-care products, which can be used as a very effective topical humectant, which can be used for facial wrinkles, reduction of folds and wrinkles, and removal of scars.

### Medical applications:

Hyaluronic Acid could be used in eye surgery, such as corneal transplantation, cataract surgery, glaucoma surgery, and surgery to repair retinal detachment. Hyaluronic Acid can also be used to treat osteoarthritis of the knee. They are administered as a course of injections into the knee joint, which are believed to supplement the viscosity of the joint fluid, thereby lubricating the joint, cushioning the joint, and producing an analgesic effect.

## Packaging

100g per bottle; 1kg per aluminum foil bag; 10kg or 25kg per fiber drum; or as per customer's requirements

## Storage & Handling

Stored in cool and airy place; away from fire and heat; handle with care; no breakage, avoid leakage.  
Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

*The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchant ability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if we has been advised of the possibility of such damages.*

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