

CAS#:9067-32-7

IRONATE MW

LOW-MEDIUM-HIGH

- Provides moisture and helps water retention.

- Creates a film that lubricates the skin. Improves skin repair.



Sodium hyaluronate is a glycosaminoglycan with natural origin.

Key component of the Extracellular Matrix (ECM) that also have additional functions like osmoregulation, moisturizer and cell protection.

Sodium hyaluronate is the salt form of hyaluronic acid which holds water in skin tissue fibers such as collagen and elastin.

This component is very important for keeping the structure and the daily maintenance of the skin.



Application

- Creams, serum, lotions, milk and facial cleansers.
- Hair moisturization.
- Skin care and skin repair.
- Anti-aging and anti-wrinkle properties.
- Pre-/After- shaving.

Available Formats	Molecular Weight	Functions
iRonate (Low molecular weight)	1.0 x 10 ⁵ Da -6.0 x 10 ⁵ Da	Easiest penetration of the skin. Deep skin nourishing. Accelerates blood circulation allowing better distribution of the water.
iRonate (Medium molecular weight)	1.0 x 10 ⁶ Da -1.5 x 10 ⁶ Da	Standard presentation. Good film former and moisturizer.
iRonate (High molecular weight)	1.8 x 10 ⁶ Da -2.2 x 10 ⁶ Da	Excellent moisturizer, film former and lubricant. The light film on the skin increases smoothness, and acts as a protective barrier against bacteria, dust and UV.

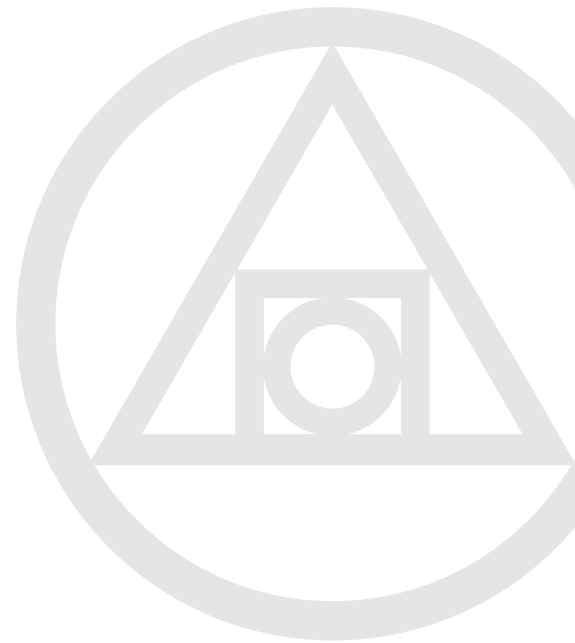


Formulation instructions

PH in finished products	5-7
Recommended dosage	0.1-0.8%
Recommended formulation	Add at the end of the process when temperature is below 45°C

Technical Data

Contents	iRonate MW
Appearance	Powder
Color	White
Odor	Characteristic
Active ingredient content	≥92.0%
Solubility	Water soluble
INCI name	Sodium hyaluronate
Storage condition	Room temperature



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