

## Actimoist Bio - 2

CTFA/INCI NAME: Water (and) Sodium Hyaluronate

CAS NUMBER: 7732-18-5, 9067-32-7

EINECS NUMBER: 231-791-2, N/A

### DESCRIPTION:

Hyaluronic acid (HA), a mucopolysaccharide is one of many compounds found in skin & connective tissue. Actimoist<sup>®</sup> Bio - 2 (sodium hyauronate), the sodium salt of hyaluronic acid, plays a vital role in the hydration of the dermis.

Once Actimoist<sup>®</sup> Bio - 2 is applied to the skin it forms a protective coating locking water next to the skin. The human body naturally produces hyaluronic acid to moisturize and lubricate the intercellular matrix that fills the space between the cells of such diverse tissues as skin, tendons, muscles, and cartilage.

Actimoist<sup>®</sup> Bio - 2 is not animal derived, it is produced by fermentation from a highly productive strain of streptococci. This high viscosity mucopolysaccharide, with alternating glucuronate and glucosamine sugars have a molecular weight ranging from 1.9 - 2.7 million.

### SUGGESTED COSMETIC USES:

Actimoist<sup>®</sup> Bio - 2 is an excellent moisturizer for skin and body care products, formulated for normal, dry, dehydrated, and sensitive skin. It works well in foundations, eye shadows, eyeliners, and mascara. It can also be used as a nourishing skin treatment or intensive skin care product.

USAGE LEVEL: Recommended 1 - 10% in skin and hair care products

SPECIFICATIONS:	Sodium Hyaluronate:	1.0%
	Appearance:	Transparent, without tacky/greasy feel
	pH:	5.5 - 7.0 at 25° C
	Odor:	Characteristic
	Solubility:	Soluble in any proportion in water
	Specific Gravity:	0.99 - 1.01 at 25° C
	Microbial Plate Count:	Less than 100 organisms per gram
	Preservative:	Phenoxyethanol 0.5% Methylparaben 0.15%

EXTERNAL USE ONLY - NOT FOR DRUG USE

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