

ITOALLERGENIC LJ10 is a functional finishing agent that can help to block the activity of allergens such as pollens and mites existing in house dust.

PROPERTIES

- **Appearance** : White Emulsion
- **Ionic Character** : Nonionic/Anionic
- **pH** : 8
- **Solubility** : Easily soluble in water

APPLICATION

In Padding:

- **ITOALLERGENIC LJ10** : 50-100 g/l
- **ITOBINDER AG** : 30g/l
- **ITOSILICONE LJ88** : 10-20g/l (As required for handle)
- **Drying** : 100°C for 1-2 min.
- **Curing** : 150°C for 1 min

CHARACTERISTICS

1. Could help to lessen or possibly prevent allergic reactions and their symptom.
2. Could help to reduce or prevent sneezing, runny nose, bronchial asthma, eye irritation.
3. Durable
4. Does not cause discolouration of treated fabrics through NOx yellowing.
5. Applicable to garments, bed and bedding materials, carpets, car seats, masks, non woven and aerosols

DISCLAIMER

The information herein offered is based on the best of our knowledge at present. However, we are not able to guarantee these matters, as the result of application may vary according to conditions adopted. Preliminary tests are, therefore, recommended in all cases. Please refer to MSDS regarding handling of the products.

MAGNACOLOURS[®]
IMAGINATION INK[™]



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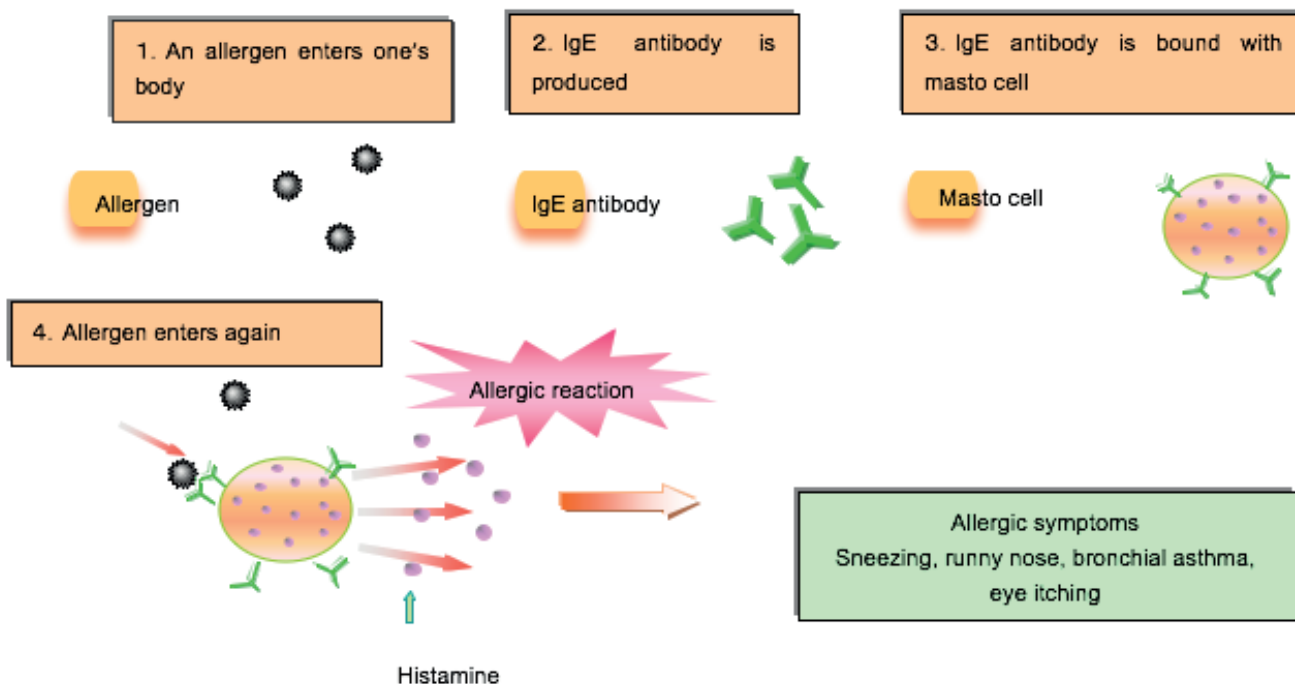
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APPENDIX

Mechanism of an allergic reaction:

Through contact with or inhalation of allergens, such as pollen and dust mites, can enter the body and cause an allergic reaction. The immune system produces antibodies which through interactions within the body can cause the discharge of histamine into the system that may irritate nerves and blood vessels and produce such allergic symptoms as itching and sneezing.

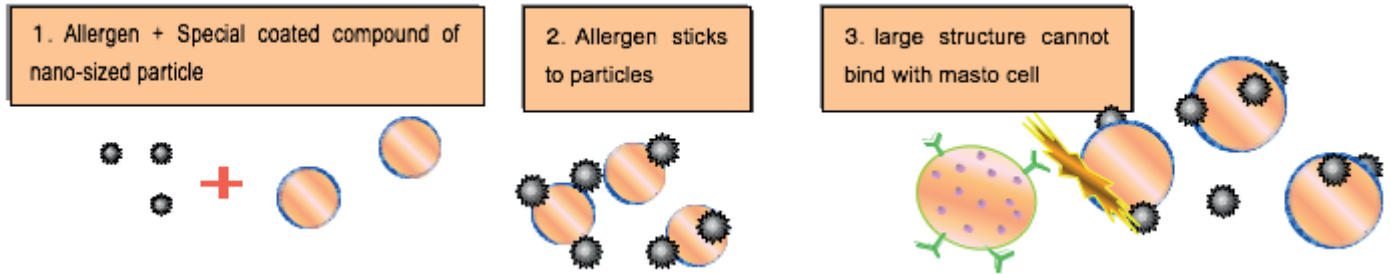


Antiallergenic action inhibits allergic activity

Example results

100% Cotton		Dust mites allergen (mg/ml)	Antiallergenic effect (%)	Initial appearance after processed	NOx (1 unit)
Blank		416	48	No change	No change
100g/l ITOALLERGENIC LJ10	Initial	160	80	No change	No change
	10 HL	200	75	No change	No change
Allergen Suspension only		800	0	No change	No change

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