

**DEFINITION**

Instathix® is a synergistic blend of powders which act as an easy-to-use emulsifier.

**ORIGIN OF THE RAW MATERIALS**

The product is manufactured from raw materials of strictly vegetable origin.

**PRODUCT DETAILS**

Commercial Name: Instathix®

Manufacturer: Alchemy Ingredients., 4 Queens Square, Business Park, Ascot, SL5 9FE, UK

INCI: Xanthan Gum, Sodium Stearoyl Lactylate, Tapioca Starch, Algin

INCI	CAS	EC
Xanthan Gum	11138-66-2	234-394-2
Sodium Stearoyl Lactylate	25383-99-7	246-929-7
Tapioca Starch	9005-25-8	232-679-6
Algin	9005-38-3	618-415-6

**APPLICATIONS**

- Creams and lotions
- Hair care
- Sun care
- Baby products

**USE LEVELS / GUIDELINES FOR USE**

- Use up to 4% depending on viscosity required, see detailed guidelines for use.
- Can achieve viscosities up to 30,000cps
- Processing temperature needs to be above 70°C
- Keep final formulation between pH 5 - 10

**KEY PROPERTIES**

- Can be used as an emulsifier, thickener or stabiliser.
- Forms light gel creams to emulsify up to 20% oil.
- Non-sticky/non-tacky touch to emulsions.
- Mild & safe to the skin.

**STORAGE**

Keep away from moisture by storing in tightly closed containers away from extreme temperatures.

**PACKAGING**

5kg plastic tubs.

**SAFETY**

For information on the safety of this product, please consult the material safety data sheet (MSDS).

**SHELF LIFE**

Instathix® has a 2-year shelf life.

The product can be re-analyzed after a 2-year storage period under recommended storage conditions.

**SPECIFICATION**

Appearance:	White Powder
Odour:	Odourless
Loss on Drying:	<8%
pH (1% Soln.):	6.0-8.0
Particle Size >300µm:	<5%
Particle Size <75µm:	>80%
TVC Bacteria:	<100 CFU/g
TVC Yeasts & Moulds:	<100 CFU/g

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Signature:



Position: Technical Sales Executive

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