

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%
Particle Size >300µm:	<2%
Particle Size <75µm:	30 – 50%
TVC Bacteria:	<100 CFU/g
TVC Yeasts & Moulds:	<100 CFU/g