

DEFINITION

Sclerothix® is a synergistic blend of powders which act as a water thickening agent.

ORIGIN OF THE RAW MATERIALS

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

PRODUCT DETAILS

Commercial Name: Sclerothix®

INCI: Xanthan Gum, Sclerotium Gum, Algin

INCI	CAS	EC
Xanthan Gum	11138-66-2	234-394-2
Sclerotium Gum	39464-87-4	254-464-6
Algin	9005-38-3	618-415-6

NATURAL / ORGANIC LABEL

Raw material verified by ECOCERT® GREENLIFE as conforming to the COSMOS Standard.

We would like to draw your attention to the fact that this product is not organically certified.

APPLICATIONS

- Serums, creams and lotions
- Hair care
- Sun care
- Baby products

USE LEVELS / GUIDELINES FOR USE

- Up to 2% in the water phase, disperse under high shear mixing.
- Use at room temperature or at temperatures up to 70°C.
- Keep final formulation between pH 3 – 10.

KEY PROPERTIES

- Forms a transparent gel in water.
- Can be dispersed at room temperature.
- 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

Sclerothix® 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
Smell:	Odourless
Loss on Drying:	<12%
pH (1% Soln.):	6.0 – 8.0
Viscosity (2% Soln.):	2,500 – 7,500 cps
TVC Bacteria:	<100 CFU/g
TVC Yeasts & Moulds:	<100 CFU/g