TDS Sclerothix®

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 70ºC.
- 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.

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Registered in England & Wales No. 10626359

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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

Criteria	Specification
Appearance:	White Powder
Appearance (1% Soln):	Clear, Colourless Gel
Smell:	Characteristic
Loss on Drying:	<12%
pH (1% Soln.):	6.0 – 8.0
Viscosity (1% Soln.):	2000 - 3500cps
Particle Size (Upper):	<5% @ 300µm
Particle Size (Lower):	>80% @ 75µm
TVC Bacteria:	<1000 cfu/g
TVC Yeasts & Moulds:	<100 cfu/g

Name: Lloyd Warren
Signature:



Position: Operations manager
Issue Date: 12/01/2026

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