TDS Clearthix® S

DEFINITION
Clearthix® S 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: Clearthix® S
INCI: Cellulose Gum, Algin

INCI	CAS	EC
Cellulose Gum	9004-32-4	618-378-6
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
- 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.
- Can achieve viscosities up to 5500 cps.
- Use at room temperature or at temperatures up to 70°C.
- Keep final formulation between pH 5 – 9.

KEY PROPERTIES
- Forms an 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 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

Clearthix® S 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.):	1500 - 3000cps
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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