TDS Sucraclear V2

DEFINITION
Sucraclear V2 is a synergistic blend of powders which perform as a water gelling agent to form clear water gels.

ORIGIN OF THE RAW MATERIALS
The product is manufactured from raw materials of strictly vegetable origin.

PRODUCT DETAILS
Commercial Name: Sucraclear V2
INCI: Cellulose Gum, *Chondrus crispus* Powder (Carrageenan), *Ceratonia siliqua* Gum, Glucose

INCI	CAS	EC
Cellulose Gum	9004-32-4	618-378-6
Chondrus crispus Powder (Carrageenan)	9000-07-1	232-524-2
Ceratonia siliqua Gum	9000-40-2	232-541-5
Glucose	50-99-7	200-075-1

APPLICATIONS
- Face and body gels
- Creams and lotions
- Hair care
- Sun care
- Baby products
- Colour cosmetics

USE LEVELS / GUIDELINES FOR USE
- 0.5%-2.5% in the water phase, heat to 70°C followed by high shear to ensure complete dispersion
- Can also be dispersed in water at room temperature however the water gel will be cloudy
- Keep final formulation between pH 5 – 9

Alchemy Ingredients, 4 Queens Square, Business Park, Ascot, Berkshire, SL5 9FE, UK
t. +44 (0)1344 397 785 e. technical@alchemy-ingredients.com
Registered in England & Wales No. 10626359

TDS Sucraclear V2

KEY PROPERTIES

- Forms a crystal clear gel in water
- Can be dispersed at room temperatures or temperatures up to 80°C
- Does not require neutralisation
- Electrolyte tolerant
- Can hold up to 30% alcohol (using 1.5% Sucraclear) but clarity will be compromised at >12%
- Able to suspend beads/exfoliating particles
- 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).

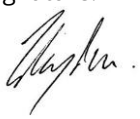
SHELF LIFE

Sucraclear V2 has a 2-year shelf life. The product should be re-analyzed after a 2-year storage period under recommended storage conditions.

SPECIFICATION

Criteria	Specification
Appearance:	Off-White Powder
Appearance (1% Soln):	Clear, Colourless Gel
Smell:	Characteristic
Loss on Drying:	<11%
pH (1% Soln.):	6.0 – 8.0
Viscosity (1% Soln.):	1000 - 2500cps
Particle Size (Upper):	<5% @ 300µm
Particle Size (Lower):	>80% @ 75µm
TVC Bacteria:	<100 cfu/g
TVC Yeasts & Moulds:	<100 cfu/g

Name: Lloyd Warren
Signature:



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