

DEFINITION

Sucrathix VX is a synergistic blend of powders which perform as a water gelling agent.

ORIGIN OF THE RAW MATERIALS

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

PRODUCT DETAILS

Commercial Name: Sucrathix VX

INCI: Microcrystalline Cellulose, Cellulose Gum, Xanthan Gum

INCI	CAS	EC
Microcrystalline Cellulose	9004-34-6	232-674-9
Cellulose Gum	9004-32-4	618-378-6
Xanthan Gum	11138-66-2	234-394-2

NATURAL / ORGANIC LABEL

This product has been validated by ECOCERT® GREENLIFE according to the natural and Organic Cosmetic Standards. It can be used in cosmetic products, certified accordingly to this standard. We would like to draw your attention to the fact that this product is not organically certified. Sucrathix VX is approved for use under the COSMOS-standard by the Soil Association for non-organic raw materials for use in COSMOS organic and natural products.

APPLICATIONS

- Creams and lotions
- Hair care
- Sun care
- Baby products

USE LEVELS / GUIDELINES FOR USE

- 0.8% - 2.5% in the water phase, disperse under high shear mixing
- Can achieve viscosities between 50 – 550 cP
- Use at room temperature or at temperatures up to 80°C
- Keep final formulation between pH 3 – 10
- At no point during the formulation should the pH drop below pH 3

KEY PROPERTIES

- Forms an opaque gel in water with thixotropic properties
- Can be dispersed at room temperatures or temperatures up to 80°C
- Non-sticky/non-tacky touch to emulsions
- Electrolyte tolerant
- Provides high temperature stability to the water phase
- Mild & safe to the skin

TDS Sucrathix VX

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

Sucrathix VX has a 4-year shelf life.

The product can be re-analyzed after a 4-year storage period under recommended storage conditions.

SPECIFICATION

Appearance	White to pale tan powder
Smell	Odourless
Particle Size	>250µm (60 mesh) max. 3%
Loss on drying*	Not more than 9%
pH	6.0 - 8.0
Yield Value (Pa)*	0.828 (1.5% gel)
Heavy Metals	Not more than 10ppm
TVC Bacteria (cfu/g)	< 100
TVC Yeast & Moulds (cfu/g)	< 100

*Typical Value