

## 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.

## INSCRIPTIONS

Commercial Name: Sucrathix VX

Manufacturer: Alchemy Ingredients., Arc House, Terrace Road South, Binfield, Berkshire, RG42 4PZ

INCI: Microcrystalline Cellulose, Cellulose Gum, Xanthan Gum

CAS N° 9004-34-6, 9004-32-4, 11138-66-2

EINECS N° 232-67-9, 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

- Shower gels and shampoo
- 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
- Can be used between pH 5 – 11
- At no point during the formulation should the pH drop below pH 5

## KEY PROPERTIES

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

Sucrathix VX has a 2 year shelf life.

The product can be re-analyzed after a 2 year storage period under recommended storage conditions.

**SPECIFICATION**

<b>Appearance</b>	White to pale tan powder
<b>Smell</b>	Odorless
<b>Particle Size</b>	>250µm (60 mesh) max. 3%
<b>Loss on drying</b>	Not more than 9%
<b>pH</b>	6.0 – 8.0
<b>Yield Value</b>	0.828 (1.5% gel)
<b>Heavy Metals</b>	Not more than 10ppm
<b>TVC Bacteria</b>	< 1000 CFU/g
<b>TVC Yeast &amp; Moulds</b>	< 100 CFU/g

Name: Jennifer Cargill

Signature :



Position: International Sales Manager