

## 1 - Identification

Trade name: VegeSilk

Uses of the substance/mixture

Ingredient (raw material) for cosmetic or pharmaceutical uses. For additional information on the fields of use of this product, please contact us.

CAS Number 85665-33-4

INCI Hydrogenated Palm (and) Palm Kernel Glycerides

Emergency Phone Number

## 2 - Hazard(s) Identification

Classification according to Regulation (EC) Void

The product is not classified as hazardous to health or environment according to the CLP regulation.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC Not applicable.

Information concerning particular hazards for human and environment: Not applicable.

2.2 Label elements

Labelling according to Regulation (EC) No Void

Signal word Void

Hazard statements Void

GHS label elements Void

US NFPA 704 (National Fire Protection Association) Hazard Rating System

Health hazard Rating 0: Normal material.

Flammability Rating 0: Will no burn.

Reactivity Rating 0: Stable.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT Not applicable

vPvB Not applicable

## 3 - Composition/Information on Ingredients

3.1 Chemical characterization

CAS No. 85665-33-4

Identification number(s)

EC number 288-123-8

## 4 - First-Aid Measures

### 4.1 Description of first aid measures

#### General information

No special measures required.

#### After inhalation

Supply fresh air ; consult doctor in case of complaint.

#### After skin contact

Wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.

#### After eye contact

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

#### After swallowing

Seek immediate medical advice.

#### Information for doctor

No further relevant information available.

### 4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

### 4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

## 5 - Fire-Fighting Measures

### 5.1 Extinguishing media

CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

#### 5.1 Suitable extinguishing agents

### 5.2 Special hazards arising from the

No further relevant information available.

#### 5.3 Advice for firefighters

No special measures required.

#### Protective equipment

No special measures required.

## 6 - Accidental Release Measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Wear protective clothing. Particular danger of slipping on leaked/spilled product.

### 6.2 Environmental precautions

Do not allow product to reach sewage system or any water course.

### 6.3 Methods and material for containment and cleaning up

Pick up mechanically. Ensure adequate ventilation.

## 7 - Handling and Storage

### Handling

7.1 Precautions for safe handling No special measures required.

Information about fire - and explosion protect Keep ignition sources away - Do not smoke. No special measures required.

7.2 Conditions for safe storage, including any incompatibilities No special requirements.

### Storage

Requirements to be met by storerooms and No special requirements.

Information about storage in one common Not required.

Further information about storage conditions

7.3 Specific end use(s)

No further relevant information available.

## 8 - Exposure Controls/Personal Protection

### 8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace Not required.

Additional information The lists valid during the making were used as basis.

### 8.2 Exposure controls

#### Personal protective equipment

General protective and hygienic measures The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection Not necessary if room is well-ventilated

Protection of hands Protective gloves

Material of gloves

Eye protection Safety glasses

Body protection Protective work clothing

## 9 - Physical and Chemical Properties

Appearance

|  |   |
|--|---|
| Form                                   | Solid   |
| Colour                                 | Whitish                                       |
| Odour                                  | Characteristic                                |
| Boiling point/Boiling range:           | > 250,0 °C                                    |
| Flash point:                           | > 200,0 °C                                    |
| Flammability (solid, gaseous)          | Not applicable.                               |
| Ignition temperature (auto-ignition)   | > 300,00 °C                                   |
| Danger of explosion                    | Product does not present an explosion hazard. |
| Vapour pressure                        | Very low.                                     |
| Solubility in / Miscibility with water | Insoluble.                                    |

## 10 - Stability and Reactivity

|  |   |
|--|---|
| 10.1 Reactivity                                  | Stable.   |
| 10.2 Chemical stability                          | Stable.   |
| Thermal decomposition / conditions to be avoided | No decomposition if used according to specifications. |
| 10.3 Possibility of hazardous reactions          | No dangerous reactions known.                         |
| 10.4 Conditions to avoid                         | No further relevant information available.            |
| 10.5 Incompatible materials                      | No further relevant information available.            |
| 10.6 Hazardous decomposition products            | Carbon monoxide and carbon dioxide                    |

## 11 - Toxicological Information

### 11.1 Summary

A summary of the evaluation is presented here after.

Acute toxicity:

LD/LC50 values relevant for classification:

85665-33-4 Glycerides, C10-18

Oral, LD50: > 2001 mg/kg (rat)

Oral, LD0: > 20000 mg/kg (rat)

Primary irritant effect:

on the skin No irritant effect.

Not classified (Regulation CLP (EC) No 1272/2008)

on the skin

No irritating effect.

Not classified (Regulation CLP (EC) No 1272/2008).

Sensitization

No sensitizing effects known.

Not classified (Regulation CLP (EC) No 1272/2008).

Subacute to chronic toxicity Not classified (Regulation CLP (EC) No 1272/2008).

Additional toxicological information The substance is not subject to classification according to the latest version of the EU lists.

### Toxicological information about product

The toxicity assessment of our product is based on a read-across approach (structurally related substances). Health effects of our product are

Only the studies important for the product classification are listed here after. Contact us for the complete list of studies.

#### Primary cutaneous and corrosive irritation

Species Rabbit  
Concentration Pure  
Result Non irritant.

#### Reference

Product tested : SUPPOCIRE grade NA10

Other studies : Study 2: Non irritant (SUPPOCIRE grade CM / rabbit / pure).

#### Ocular irritation and reversibility

Species Rabbit  
Concentration Pure  
Result Slightly irritant.

#### Reference

Product tested : SUPPOCIRE grade NA10

Other studies : Study 2: Slightly irritant (SUPPOCIRE grade CM / rabbit / pure).

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Cutaneous irritation (Patch test)

Species Human being.

Concentration : Diluted at 15% in kernel oil.

Result Non irritant.

Reference

Product tested : SUPPOCIRE grade DM

Acute toxicity (oral) :

Species Rat

Concentration Pure

Result : LD50 > 2001 mg/kg.

Reference

Product tested : SUPPOCIRE grade NA10

Other studies : Study 2: LD0 > 20000 mg/kg (SUPPOCIRE grade CM / Rat / Pure).

## 12 - Ecological Information

### 12.1 Summary

A summary of the evaluation is presented here after.

#### 12.1 Aquatic toxicity

85665-33-4 Glycerides, C10-18

fish, LC0 : (96H) > 10000 mg/l

fish, LC50 : (96H) > 10000 mg/l

alga, EC50 : (72H) > 100 mg/l

daphnia, EC50 (S): (48H) > 100 mg/l

daphnia, NOEC : (21DAY) > 0.01 mg/l

/, Biodegradabilit : (28DAY) 84 %

/, log P oct/wat : > 8 (MEASURED) /

#### 12.2 Persistence and degradability

Easily biodegradable

Not classified (Regulation CLP (EC) No 1272/2008).

Behaviour in environmental systems:

#### 12.3 Bioaccumulative potential

A worth-mentioning accumulation in organisms is not expected.

Not classified (Regulation CLP (EC) No 1272/2008).

#### 12.5 Results of PBT and vPvB assessment

Not classified PBT and vPvB (Annex VI Regulation (EC) No 1272/2008).

Indications about product

The ecotoxicity assessment of our product is based on a read-across approach (structurally related substances). Environment effect and environmental fate of our product are predicted from data on similar substances. No ecotoxicity study has been done on the product.

## 13 - Disposal Considerations

### 13.1 Waste treatment methods

#### Recommendation

Must be disposed of an incinerator.

#### Recommendation about packaging :

Disposal must be made according to official regulations.

Packaging may be reused or recycled after cleaning.

## 14 - Transport Information

|   |                 |
|---|-----------------|
| Land transport ADR/RID (cross-border)                                   | Not regulated.  |
| Inland shipping ADN   | Not regulated.  |
| Maritime transport IMDG   | Not regulated.  |
| Air transport ICAO-TI and IATA-DGR                                      | Not regulated.  |
| Environmental hazards   | Not applicable. |
| Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |

## 15 - Regulatory Information

### Labelling according to EU guidelines

The substance is not subject to classification according to EU lists and other sources of literature known to us.

The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV) .

### National regulations

Additional classification according to Decree on Hazardous Materials, Annex II

Not classified.

Classification according to VbF

Not classified.

### Classification WGK (Water hazard classes - Wassergefährdungsklassen):

Wassergefährdungsklasse (WGK) : Not classified (nicht wassergefährdend).

### Classification HMIS (Hazardous Materials Identification System)

Health Cat 0 : no significant risk to health.

Flammability Cat 0: Materials that will not burn.

Reactivity (HMIS® I and II - now obsolete)

Please consult NFPA classification.

Physical Hazard (HMIS® III)

Cat 0: Materials that are normally stable, even under fire conditions, and will not react with water, polymerize, decompose , condense, or self-react. Non-explosives.

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Personal Protection

Cat C: Safety glasses + Gloves + Protective apron.

International rules

USA

Conforms to US TSCA (Toxic Substance Control Act). Substances that are regulated under their federal regulations (ie food additives, drug, cosmetics etc) are not subject to TSCA.

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**DISCLAIMER**

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