

## 01 Identification of the substance / preparation and of the company

### Identification of the substance or preparation

Product name Vegetable Crystal Stearine  
 Product code STE-00008  
 Use Component for candle making

### Identification of the supplier

Company Gildewerk B.V.  
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## 02 Composition / Information on ingredients

| Substance    | EINECS/ELINCS | CAS     | Range [%] | Symbol / R-phr. |
|--------------|---------------|---------|-----------|-----------------|
| Stearic Acid | 200-313-4     | 57-11-4 | ca. 50    |                 |

## 03 Hazards identification

No special hazards have to be mentioned.

## 04 First aid measures

**General information** Change soaked clothing.  
**Inhalation** Ensure supply of fresh air.  
**Skin contact** When in contact with the skin, clean with soap and water. Consult a doctor if skin irritation persists.  
**Eye contact** In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.  
**Ingestion** Rinse out mouth and give plenty of water to drink. In the event of symptoms refer for medical treatment.  
**Advice to doctor** Treat symptomatically.

## 05 Fire-fighting measures

**Suitable extinguishing media** Foam. Dry powder. Water spray jet. Carbon dioxide.  
**Extinguishing media that must not be used** Full water jet.  
**Special exposure hazards arising from the substance or preparation itself or combustion products** In the event of fire the following can be released: Carbon monoxide (CO). Not combusted Hydrocarbons.  
**Special protective equipment for firefighters** Use self-contained breathing apparatus.  
**Additional information** Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

## 06 Accidental release measures

**Personal precautions** Avoid dust formation. Forms slippery surfaces with water. High risk of slipping due to leakage/spillage of product.  
**Environmental precautions** Retain and dispose of contaminated wash water. Knock down dust with water spray jet.  
**Methods for cleaning up/taking up** Avoid raising dust. Take up mechanically. Dispose of absorbed material in accordance with the regulations.

## 07 Handling and storage

**Advice on safe handling** Avoid the formation and deposition of dust. No special measures necessary if used correctly.  
**Advice on protection against fire and explosion** Keep away from sources of ignition.  
**Requirements for storage rooms and vessels** No special measures necessary.  
**Advice on storage compatibility** Do not store together with oxidizing agents.  
**Further information on storage conditions** Keep container tightly closed. Keep container in a well-ventilated place. Keep in a cool place. Store in a dry place.

## 08 Exposure controls / personal protection

### Additional advice on system design

Ensure adequate ventilation on workstation.

**Ingredients with occupational exposure limits to be monitored: Not applicable.**

|  |  |
|--|--|
| <b>Respiratory protection</b>                                      | Not applicable.  |
| <b>Hand protection</b>   | Butyl rubber, >120 min (EN 374)                                  |
| <b>Eye protection</b>  | Safety glasses.  |
| <b>Skin protection</b>   | Not applicable.  |
| <b>General protective measures</b>                                 | Do not inhale dust. Avoid contact with eyes.                     |
| <b>Hygiene measures</b>  | Wash hands before breaks and after work. Use barrier skin cream. |
| <b>Delimitation and monitoring of the environmental exposition</b> | Not determined.  |

## 09 Physical and chemical properties

|                                |                   |   |                      |
|--------------------------------|-------------------|---|----------------------|
| <b>Form:</b>                   | Solid.            | <b>Vapour pressure [kPa]:</b>                     | Not determined.      |
| <b>Colour:</b>                 | White.            | <b>Density [g/ml]:</b>                            | 0,84 (20°C)          |
| <b>Odour:</b>                  | Almost odourless. | <b>Bulk density [kg/m<sup>3</sup>]:</b>           | Not determined.      |
| <b>pH-value:</b>               | Not applicable.   | <b>Solubility in water:</b>                       | Virtually insoluble. |
| <b>pH-value, 1%</b>            | Not applicable.   | <b>Partition coefficient: n-octanol / water:</b>  | Not determined.      |
| <b>Boiling point [°C]:</b>     | >210              | <b>Viscosity:</b>                                 | Not applicable.      |
| <b>Flash point [°C]:</b>       | >149              | <b>Relative vapour density determined in air:</b> | Not applicable.      |
| <b>Flammability:[°C]</b>       | 395               | <b>Evaporation speed:</b>                         | Not determined.      |
| <b>Lower explosion limit:</b>  | Not applicable.   | <b>Melting point [°C]:</b>                        | >54                  |
| <b>Upper explosion limit:</b>  | Not applicable.   | <b>Autoignition temperature [°C]:</b>             | Not applicable.      |
| <b>Combustible properties:</b> | No.               | <b>Decomposition temperature [°C]:</b>            | Not applicable.      |

## 10 Stability and reactivity

|   |  |
|---|--|
| <b>Hazardous reactions</b>              | No hazardous reactions known.              |
| <b>Hazardous decomposition products</b> | No hazardous decomposition products known. |

## 11 Toxicological information

|                                     |  |
|-------------------------------------|--|
| <b>Acute oral toxicity OECD 401</b> | rat >10000 mg/kg   |
| <b>Experiences made in practice</b> | None.  |
| <b>General remarks</b>              | No toxicological data are available. No classification on the basis of the calculation procedure of the preparation directive. |

## 12 Ecological information

|                                 |                                    |
|---------------------------------|------------------------------------|
| <b>Biological degradability</b> | The product is biodegradable.      |
| <b>AOX-advice 76/464/EC</b>     | No dangerous components.           |
| <b>General information</b>      | Not applicable.                    |
|                                 | Ecological data are not available. |

## 13 Disposal considerations

|  |  |
|--|--|
| <b>Disposal / Product</b>                | For recycling, consult manufacturer. Coordinate disposal with the authorities if necessary.                            |
| <b>Waste no. (recommended)</b>           | 020304   |
| <b>Disposal / Contaminated packaging</b> | Packaging that cannot be cleaned should be disposed of as for product. Emptied and rinsed clean packing can be reused. |

#### 14 Transport information

**Classification according to** no dangerous goods

**ADR:**

Declaration:

Labelling:

Factor, ADR 1.1.3.6:

LQ, ADR 3.4.6:

Hazard-no:

Label:

Vapour pressure [kPa]: Not determined.

**Classification according to**

**IMDG:**

Declaration: not classified as Dangerous Goods

Labelling:

Label:

LQ, [l/kg]:

EmS:

**Classification according to** not classified as Dangerous Goods

**IATA:**

Declaration:

Labelling:

Label:

#### 15 Regulatory information

**Labelling:** The product does not require a hazard warning label in accordance with EC directives

**Hazard symbols**

#### 15.1 Special labelling for certain preparations

Not applicable.

#### 15.2 Sources of documentation

EEC: 91/155 (2001/58); 67/548 (2004/73), 29. ATP; 1999/45 (2001/60); 91/689 (2001/118); 89/542; 1999/13  
Transport information: ADR (2005); IMDG-Code (32.Amdt.); IATA-DGR (2006)

#### 15.3 National regulations(gb)

Not determined.

#### 16 Other informations

(Information on ingredients - Position 02)

Not applicable.

#### 16.1 Additional information

**Observe employment restrictions for people** No.

**VOC, 1999/13/EG** Not applicable.

**Customs Tariff** Not determined.

#### 16.2 Information on ingredients (648/2004)

**UBA-Registration** Not applicable.

**648/2004/EG, contains:** Not applicable.

#### 16.3 Modified position:

None.