

## SUNFLOWER OIL HIGH OLEIC

printed: 09.03.2012

updated: 2.02.2011  
Version a

### 1. Identification of Substance/Preparation and Company :

- **Product name :**  
Sunflower oil High Oleic refined DAC / Product-No. 220031  
Sunflower oil High Oleic virgin organic / Product-No. 220120  
Sunflower oil High Oleic deodorized organic / Product-No. 220121  
Sunflower oil High Oleic refined organic DAC / Product-No. 220131
- **Supplier :**  
  
GUSTAV HEESS GmbH  
Wernerstr. 83  
70469 Stuttgart
- **Telephone number / fax number / e-mail address**  
TEL.: 0711 / 814 90 00      FAX: 0711 / 814 90 09      E-MAIL: qm@gustavheess.de
- **Emergency telephone number :** Police and Fire Department
- **REACH Status:** Exempted from compulsory Regulation according to Annex II No. 9 of Commission Regulation (EC) No. 987/2008 amending Regulation (EC) No 1907/2006 of REACH as regards Annexes IV and V.

### 2. Hazards Identification :

- **Human Health Hazards :** No specific hazards under normal use conditions.
- **Hazards Reactions :** none

### 3. Composition / Information on Ingredients :

- **Chemical characterization :** Triglycerides of different fatty acids.
- **CAS-No. :** 8001-21-6
- **EINECS-No. :** 232-273-9
- **INCI-Name :** Helianthus Annuus Seed Oil

### 4. First - Aid - Measures :

- **General :** No important measures required.
- **First aid - inhalation :** Move to fresh air. Seek medical advice after significant exposure.
- **First aid - skin :** Remove soaked clothes and wash the skin with soap and water.
- **First aid - eye :** Rinse with plenty of water. Eyelids should be held away from the eyeball to ensure thorough rinsing.
- **First aid - ingestion :** No important measures required. Seek medical attention if necessary.

### 5. Fire Fighting Measures :

- **Extinguishing media :** Foam, dry chemical powder, carbon dioxide, sand or earth.
- **Unsuitable extinguishing media :** water
- **Special exposure hazards :** none
- **Hazardous decomposition:** At high temperature acrolein may be formed.
- **Protective equipment :** In case of insufficient ventilation, wear suitable respiratory equipment. Depending on the dimensions of the fire wear full protection.
- **Other information :** Avoid contact with oxidizing agents.

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### 6. Accidental Release Measures :

- **Personal precautions** : The usual precautions for handling chemicals should be observed.
- **Environmental precautions** : Prevent further leakage or spillage. Prevent from spreading or entering into drains, ditches or rivers by using sand, earth or appropriate barriers.
- **Clean - up methods** : Absorb or contain liquid with sand, earth or spill control material. Shovel into a suitable, clearly marked container for disposal.
- **Other information** : No dangerous substances will be released.

### 7. Handling and Storage :

- **Handling** : The usual precautions for handling chemicals should be observed.
- **Storage** : Keep container tightly closed. Avoid direct sunlight, heat sources and strong oxidizing agents.⇒ Store at ambient temperatures.
- **Fire and explosion prevent** : Avoid contact with oxidizing agents.

### 8. Exposure Controls / Personal Protection :

- **Engineering control measures** : The usual precautions for handling chemicals should be observed.

- **Occupational exposure standards** :

| <u>Component name</u> | <u>Limit type</u> | <u>Value/Unit</u> | <u>Other Information</u> |
|-----------------------|-------------------|-------------------|--------------------------|
| can be left out       |                   |                   |                          |

- **Respiratory protection** : none
- **Hand protection** : none
- **Eye - Protection** : safety goggles
- **Body Protection** : none

### 9. Physical and Chemical Properties :

- **Form** : liquid
- **Colour** : pale yellow
- **Odour** : neutral

- **Change of physical state** :

**Melting - area** :

**Boiling - point** :

- **Flashpoint** :

- **Ignition - point** :

- **Smoke - point** :

- **Explosive properties** :

- **Density** : at 20 °C

- **Vapour pressure** :

- **Solubility in**

**water** :

**petroleum spirit** :

| <u>Value</u>   | <u>Unit</u>       | <u>Method</u> |
|----------------|-------------------|---------------|
| ca. -16 to -18 | °C                |               |
| unknown        |                   |               |
| > 285          | °C                |               |
| unknown        |                   |               |
| > 200          | °C                |               |
| unknown        |                   |               |
| 0,91- 0,93     | g/cm <sup>3</sup> |               |
| unknown        |                   |               |
| insoluble      |                   |               |
| soluble        |                   |               |

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### 10. Stability / Reactivity :

- **Stability** : No thermal destruction if it is used properly.
- **Materials to avoid** : Avoid contact with oxidizing agents.
- **Hazardous decomposition products** : At temperatures > 300 °C acrolein may be formed.
- **Hazardous reactions** : none

### 11. Toxicological Information :

- **Acute toxicity** : no toxicity
- **Toxicological Data** :
  - Skin sensitisation** : unknown
  - Skin irritation** : unknown
  - Eye irritation** : unknown
- **Additional toxicological information**:  
Not classified as hazardous conform EEC Dangerous Substance Directive and Dangerous Preparation Directives.  
If the product is used properly it will not cause any injuries to health.

### 12. Ecological Information :

- **Biotic degradation** : biodegradable

### 13. Disposal Information :

- **Product** :
  - Precautions** : According to local regulations (most probably controlled incineration).
- **Contaminated packaging** : Clean with soap and water.
  - Precautions** : According to local regulations.
- **Recommended detergent** : water and soap

### 14. Transport Information :

Not dangerous for conveyance.

### 15. Regulatory Information :

- **EC Classification** :  
Not classified as dangerous according to CLP Regulation (EC) No. 1272/2008.  
Not classified as dangerous according to Directive 67/548/EC or Directive 1999/45/EC.
- **National Regulation** :  
**Wassergefährdungsklasse** (Germany): nicht wassergefährdend im Sinne des § 19g Abs. 5 WHG.  
(Einstufung nach VwVwS vom 17. Mai 1999, Nummer 1.2 a) in Verbindung mit Anhang 1)

### 16. Other Information :

This information is based on our current knowledge and is intended to describe the product for purposes of health, safety and environmental requirements only. Therefore it should not be construed as guaranteeing any specific legal property of the product.