

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date: 25.07.2017

Version: 5.01

Revision: 25.07.2017

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier****Trade name:** WITAFROL® 7420**CAS Number:**

85536-07-8

**EC number:**

266-944-2

**Registration number:** 01-2119963379-22-00000**1.2 Relevant identified uses of the substance or mixture and uses advised against:** No further relevant information available.**Application of the substance / the preparation:**

Defoamers, Anti-foaming agent

Manufacturing of food

**1.3 Details of the supplier of the safety data sheet****Supplier/Manufacturer:**

IOI Oleo GmbH

Arthur-Imhausen Str. 92

D-58453 Witten

Tel.: ++49-40-280031-0

**Email competent person:** MSDS@ioioleo.de**Information department:** See supplier/manufacturer**1.4 Emergency telephone number:**

National Poison Information Service (NPIS)

24 hour national number professionals only

0844 892 0111

National Health Service (NHS)

24 hour national number consumer

England and Scotland: 111

Wales: 0845 46 47

Northern Ireland: call your local General Practitioner

Call 999 if there is a life-threatening incident.

**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008** The substance is not classified according to the CLP regulation.**Additional information:** Product forms slippery surface when combined with water.**2.2 Label elements****Labelling according to Regulation (EC) No 1272/2008** Void**Hazard pictograms** Void**Signal word** Void**Hazard statements** Void**2.3 Other hazards****Results of PBT and vPvB assessment****PBT:** Not applicable**vPvB:** Not applicable**SECTION 3: Composition/information on ingredients****3.1 Chemical characterisation: Substances****CAS No. Description:**

85536-07-8 Glycerides, C8-10 mono- and di-

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(Contd. of page 1)

- **Identification number(s):**
- **EC number:** 266-944-2

**SECTION 4: First aid measures**

- **4.1 Description of first aid measures**
- **General information:** If symptoms persist or in case of doubt, seek medical advice.
- **After inhalation:**  
In case of inhalative exposure to vapours/aerosols during processing:  
Supply fresh air; consult a doctor in case of pain.
- **After skin contact:**  
Wash with water and soap.  
If symptoms persist, consult a doctor.
- **After eye contact:**  
Rinse opened eye for several minutes under running water.  
If symptoms persist, consult a doctor.
- **After swallowing:** In case of unintentional swallowing of larger quantities or if any symptoms occur seek medical treatment.
- **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** Symptomatic treatment

**SECTION 5: Firefighting measures**

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.  
Use fire fighting measures that suit the environment.
- **For safety reasons unsuitable extinguishing agents:** High volume water jet
- **5.2 Special hazards arising from the substance or mixture**  
In case of fire, the following can be released:  
Carbon dioxide (CO<sub>2</sub>)  
Carbon monoxide (CO)
- **5.3 Advice for firefighters**
- **Protective equipment:** Wear self-contained respiratory protective device.
- **Additional information:**  
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.  
Collect contaminated fire fighting water separately. It must not enter the sewage system.

**SECTION 6: Accidental release measures**

- **6.1 Personal precautions, protective equipment and emergency procedures** Not required.
- **6.2 Environmental precautions:**  
Do not allow to penetrate the ground/soil.  
Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Make sure to recycle or dispose of in suitable receptacles.
- **6.4 Reference to other sections**  
See Section 7 for information on safe handling  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

— GB —  
(Contd. on page 3)

**Safety data sheet**  
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(Contd. of page 2)

**SECTION 7: Handling and storage**

- **7.1 Precautions for safe handling**  
Ensure good ventilation/exhaustion at the workplace.  
No special precautions are necessary if used properly.  
Avoid inhalation of vapours formed by heated product.
- **Information about protection against explosions and fires:** Observe the general rules of industrial fire protection.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**  
Store container tightly sealed at a cool and dry place with sufficient ventilation.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Protect from heat and direct sunlight.
- **Storage class:** 10-13 other combustible and non-combustible substances
- **7.3 Specific end use(s)** No further relevant information available

**SECTION 8: Exposure controls/personal protection**

- **Additional information about design of technical systems:** No further data; see section 7.
- **8.1 Control parameters**
- **Components with limit values that require monitoring at the workplace:** Not required
- **Additional information:** The lists that were valid during the creation were used as basis.
- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
The usual precautionary measures should be adhered to when handling chemicals.  
Wash hands before breaks and at the end of work.
- **Breathing equipment:**  
Under normal conditions of use not required  
At formation of aerosols and mist:  
Short term filter device:  
Filter type: A
- **Protection of hands:**  
At longer contact: protective gloves  
The glove material has to be impermeable and resistant to the product/substance/preparation.  
Selection of the glove material in consideration of the penetration times, rates of diffusion and the degradation  
After use of gloves apply skin-cleaning agents and skin cosmetics.
- **Material of gloves:**  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
- **Penetration time of glove material:**  
The exact penetration time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **As protection from splashes gloves made of the following materials are suitable:**  
Nitrile rubber, NBR  
(Thickness 0.35 mm; permeation time: 30 )  
Butyl rubber, BR  
(Thickness: 0.5 mm; Permeation time: 30 minutes)
- **Eye protection:** Safety glasses
- **Body protection:** Protective work clothing

— GB —  
(Contd. on page 4)

**Safety data sheet**  
according to 1907/2006/EC, Article 31

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Version: 5.01

Revision: 25.07.2017

Trade name: WITAFROL® 7420

(Contd. of page 3)

**SECTION 9: Physical and chemical properties**

|  |   |
|--|---|
| · <b>9.1 Information on basic physical and chemical properties</b> |   |
| · <b>General Information:</b>                                      |   |
| · <b>Appearance:</b>   |   |
| Form:  | Liquid  |
| Colour:  | Yellow  |
| · <b>Odour:</b>  | Characteristic                                |
| · <b>Odour threshold:</b>  | Not determined                                |
| · <b>pH-value at 20 °C:</b>  | 6-7   |
| · <b>Change in condition:</b>                                      |   |
| Melting point/freezing point:                                      | < -24.9 °C                                    |
| Initial boiling point and boiling range:                           | >400 °C                                       |
| · <b>Flash point:</b>  | 192 °C (EN ISO 2719)                          |
| · <b>Flammability (solid, gas):</b>                                | Not applicable                                |
| · <b>Ignition temperature:</b>                                     |   |
| Decomposition temperature:   | Not determined                                |
| · <b>Self ignition temperature:</b>                                | Product is not self-igniting.                 |
| · <b>Explosive properties:</b>                                     | Product does not present an explosion hazard. |
| · <b>Explosion limits:</b>   |   |
| Lower:   | Not applicable                                |
| Upper:   | Not applicable                                |
| · <b>Vapour pressure at 20 °C:</b>                                 | < 0.001 Pa                                    |
| · <b>Density:</b>  | Not determined                                |
| · <b>Relative density at 20 °C:</b>                                | 1.016 g/cm <sup>3</sup> (DIN 51757)           |
| · <b>Vapour density:</b>   | Not determined                                |
| · <b>Evaporation rate:</b>   | Not determined                                |
| · <b>Solubility in / Miscibility with Water at 20 °C:</b>          | 46 mg/l (pH = 5,99 - 6,65)                    |
| · <b>Partition coefficient: n-octanol/water at 22 °C:</b>          | 3.24 log POW (pH 6)                           |
| · <b>Viscosity:</b>  |   |
| dynamic:   | Not determined                                |
| kinematic at 20 °C:  | 190.09 mm <sup>2</sup> /s                     |
| Surface tension at 25 °C:  | 35.1 mN/m (concentration > 40 mg/L)           |
| · <b>9.2 Other information</b>                                     | No further relevant information available     |

**SECTION 10: Stability and reactivity**

- **10.1 Reactivity** No further relevant information available
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used and stored 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:**  
No hazardous decomposition products if instructions for storage and handling are followed

— GB —  
(Contd. on page 5)

**Safety data sheet**  
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Version: 5.01

Revision: 25.07.2017

Trade name: WITAFROL® 7420

(Contd. of page 4)

**SECTION 11: Toxicological information**

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **LD/LC50 values that are relevant for classification:**  
Conclusion by analogy
- **Glyceride, C8-10-Mono- und Di-**
  - Oral LD<sub>50</sub> >5000 mg/kg (rat) (OECD 401)
  - Dermal LD<sub>50</sub> >2000 mg/kg (rat)  
Category approach; (literature value)
  - Inhalative LC<sub>50</sub>/6h >1.86 mg/l (rat)  
Test atmosphere: dust/mist; maximal attainable concentration; (literature value, conclusion by analogy).  
Test substance: Glycerides, mixed decanoyl and octanoyl
- **Primary irritant effect:**
- **Skin corrosion/irritation**  
No irritating effect species: rabbit OECD test 404  
RA CAS 65381-09-1
- **Serious eye damage/irritation**  
No irritating effect species: rabbit (eye) OECD test 405  
RA CAS 65381-09-1
- **Respiratory or skin sensitisation**  
No sensitisation species: guinea pig OECD 406  
RA CAS 620-67-7
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

**SECTION 12: Ecological information**

- **12.1 Toxicity**
- **Aquatic toxicity:**  
No harmful effect on fish, daphnia and algae up to its limit of solubility.  
In analogy to similar product
- **12.2 Persistence and degradability**  
Readily biodegradable  
82.6 %, 28 d  
OECD 301 B
- **12.3 Bioaccumulative potential** Slight bioaccumulation possible
- **12.4 Mobility in soil** Adsorption to solid soil phase is possible.
- **Adsorption coefficient Koc:** log Koc 0.42-3.79 (KOCWIN v2.00)
- **Additional ecological information:**
- **General notes:**  
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous to water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.  
Danger to drinking water is possible if large quantities leak into the ground or into water course.  
Classification according to other types of glycerides
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable
- **vPvB:** Not applicable

(Contd. on page 6)

GB



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Version: 5.01

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(Contd. of page 5)

- **12.6 Other adverse effects** No further relevant information available

### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation:**  
Must be recycled or disposed of according to the regulations. Waste has to be classified according to the European Waste Catalogue based on the identification of the waste generating source.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

### SECTION 14: Transport information

|  |                |
|--|----------------|
| · <b>14.1 UN-Number</b><br>· ADR, ADN, IMDG, IATA                                | Void           |
| · <b>14.2 UN proper shipping name</b><br>· ADR, ADN, IMDG, IATA                  | Void           |
| · <b>14.3 Transport hazard class(es)</b><br>· ADR, ADN, IMDG, IATA<br>· Class    | Void           |
| · <b>14.4 Packing group</b><br>· ADR, IMDG, IATA                                 | Void           |
| · <b>14.5 Environmental hazards:</b><br>· Marine pollutant:                      | No             |
| · <b>14.6 Special precautions for user</b>                                       | Not applicable |
| · <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b> | Not applicable |
| · <b>UN "Model Regulation":</b>  | Void           |

### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** Substance is not listed.
- **National regulations**
- **Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water
- **15.2 Chemical safety assessment:**  
A Chemical safety Assessment has been carried out.  
A Chemical Safety Assessment has not been carried out.

### \* SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Reasons for amendments:** Layout

(Contd. on page 7)



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(Contd. of page 6)

• **Replaces version dated:**

Version/s 5.00 is/are not available in this language.  
02.03.2016

• **Department issuing SDS:**

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• **Contact:** Dr. Rebecca Hiltrop

• **Abbreviations and acronyms:**

ICAO: International Civil Aviation Organisation

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

• **Sources:**

Information provided by the manufacturer

Chemical Safety Report