# White Gellifters

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830
Issue date: 27-2-2017 Revision date: 11-1-2023 Supersedes version of: 27-2-2017 Version: 1.1

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Product form : Article
Product name : White Gellifters
Product code : All White Gellifters

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### 1.2.1. Relevant identified uses

Use of the substance/mixture : Lifting of Fingerprint and Shoeprints

#### 1.2.2. Uses advised against

No additional information available

### 1.3. Details of the supplier of the safety data sheet

BVDA International BV
Emrikweg 31
P.O. Box 2323
2031 BT Haarlem
Nederland
T +31(0)23-5424708 - F +31(0)23-5322358
Info@bvda.nl - www.bvda.com

### 1.4. Emergency telephone number

| Country | Official advisory body | Address | Emergency number | Comment |
|---|---|---|---|---|
| United Kingdom | Guy's & St Thomas' Poisons Unit<br>Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust | Avonley Road<br>SE14 5ER London | +44 20 7188 7188 | |

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Not classified

**Adverse physicochemical, human health and environmental effects**

No additional information available

### 2.2. Label elements

**Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

No labelling applicable

### 2.3. Other hazards

Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---|---|---|---|
| Glycerine, Food Grade | CAS-No.: 56-81-5<br>EC-No.: 200-289-5 | | Not classified |
| gelatin, Food Grade | CAS-No.: 9000-70-8<br>EC-No.: 232-554-6 | | Not classified |
| Water | CAS-No.: 7732-18-5<br>EC-No.: 215-185-5 | | Not classified |
| Titanium dioxide | - | | Not classified |
| Rubber | - | | Not classified |
| Polyester Film | - | | Not classified |

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

No additional information available

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

No additional information available

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

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

No additional information available

### 5.2. Special hazards arising from the substance or mixture

No additional information available

### 5.3. Advice for firefighters

No additional information available

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

No additional information available

#### 6.1.2. For emergency responders

No additional information available

### 6.2. Environmental precautions

No additional information available

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

No additional information available

### 6.4. Reference to other sections

No additional information available

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

No additional information available

### 7.2. Conditions for safe storage, including any incompatibilities

No additional information available

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

| Glycerine, Food Grade (56-81-5) | |
|---|---|
| **Belgium - Occupational Exposure Limits** | |
| OEL TWA | 10 mg/m³ |
| **France - Occupational Exposure Limits** | |
| VME (OEL TWA) | 10 mg/m³ |
| **United Kingdom - Occupational Exposure Limits** | |
| WEL TWA (OEL TWA) [1] | 10 mg/m³ |

#### 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

No additional information available

#### 8.1.5. Control banding

No additional information available

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

No additional information available

#### 8.2.2. Personal protection equipment

No additional information available

#### 8.2.3. Environmental exposure controls

No additional information available

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state : Solid

| | | |
|---|---|---|
| Appearance | : | Substance/preparation on or in a carrier material. |
| Colour | : | white. |
| Odour | : | Odourless. |
| Odour threshold | : | No data available |
| pH | : | No data available |
| Relative evaporation rate (butylacetate=1) | : | No data available |
| Melting point | : | No data available |
| Freezing point | : | No data available |
| Boiling point | : | No data available |
| Flash point | : | No data available |
| Auto-ignition temperature | : | No data available |
| Decomposition temperature | : | No data available |
| Flammability (solid, gas) | : | No data available |
| Vapour pressure | : | No data available |
| Relative vapour density at 20°C | : | No data available |
| Relative density | : | No data available |
| Solubility | : | No data available |
| Partition coefficient n-octanol/water (Log Pow) | : | No data available |
| Viscosity, kinematic | : | No data available |
| Viscosity, dynamic | : | No data available |
| Explosive properties | : | No data available |
| Oxidising properties | : | No data available |
| Explosive limits | : | No data available |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No additional information available

### 10.4. Conditions to avoid

No additional information available

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

No additional information available

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

| | | |
|---|---|---|
| Acute toxicity (oral) | : | Not classified |
| Acute toxicity (dermal) | : | Not classified |
| Acute toxicity (inhalation) | : | Not classified |

| Glycerine, Food Grade (56-81-5) | |
|---|---|
| LD50 oral rat | 27200 mg/kg (OECD 401: Acute Oral Toxicity, Rat, Female, Experimental value, Oral, 10 day(s)) |
| LD50 dermal | 56750 mg/kg (4 day(s), Guinea pig, Male / female, Experimental value, Dermal, 14 day(s)) |
| LC50 Inhalation - Rat | > 2,75 mg/l (4 h, Rat, Male, Experimental value, Converted value, Inhalation (vapours)) |

Skin corrosion/irritation : Not classified

| Glycerine, Food Grade (56-81-5) | |
|---|---|
| pH | 5,5 – 8 |

| gelatin, Food Grade (9000-70-8) | |
|---|---|
| pH | 3,5 – 5 (1 %) |

Serious eye damage/irritation : Not classified

| Glycerine, Food Grade (56-81-5) | |
|---|---|
| pH | 5,5 – 8 |

| gelatin, Food Grade (9000-70-8) | |
|---|---|
| pH | 3,5 – 5 (1 %) |

Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
STOT-single exposure : Not classified
STOT-repeated exposure : Not classified
Aspiration hazard : Not classified

| Glycerine, Food Grade (56-81-5) | |
|---|---|
| Viscosity, kinematic | No data available in the literature |

| gelatin, Food Grade (9000-70-8) | |
|---|---|
| Viscosity, kinematic | < 5,833 $mm^2/s$ |

## SECTION 12: Ecological information

### 12.1. Toxicity

Hazardous to the aquatic environment, short–term (acute) : Not classified
Hazardous to the aquatic environment, long–term (chronic) : Not classified

| Glycerine, Food Grade (56-81-5) | |
|---|---|
| LC50 - Fish [1] | 54000 mg/l (96 h, Oncorhynchus mykiss, Static system, Fresh water, Experimental value, Lethal) |
| EC50 - Crustacea [1] | > 10000 mg/l (24 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect) |

### 12.2. Persistence and degradability

| Glycerine, Food Grade (56-81-5) | |
|---|---|
| Persistence and degradability | Readily biodegradable in water. |
| Biochemical oxygen demand (BOD) | 0,87 g $O_2$/g substance |

| Glycerine, Food Grade (56-81-5) | |
|---|---|
| Chemical oxygen demand (COD) | 1,16 g $O_2$/g substance |
| ThOD | 1,217 g $O_2$/g substance |

| gelatin, Food Grade (9000-70-8) | |
|---|---|
| Persistence and degradability | Readily biodegradable in water. |

### 12.3. Bioaccumulative potential

| Glycerine, Food Grade (56-81-5) | |
|---|---|
| Partition coefficient n-octanol/water (Log Pow) | -1,75 (Experimental value, Equivalent or similar to OECD 107, 25 °C) |
| Bioaccumulative potential | Not bioaccumulative. |

### 12.4. Mobility in soil

| Glycerine, Food Grade (56-81-5) | |
|---|---|
| Surface tension | 63,4 mN/m (20 °C, 1000 g/l) |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 0 (log Koc, SRC PCKOCWIN v2.0, Calculated value) |
| Ecology - soil | Highly mobile in soil. |

### 12.5. Results of PBT and vPvB assessment

| Component | |
|---|---|
| Glycerine, Food Grade (56-81-5) | This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII<br>This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII |

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

No additional information available

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

### 14.1 UN number

UN-No. (ADR) : Not applicable
UN-No. (IMDG) : Not applicable
UN-No. (IATA) : Not applicable
UN-No. (ADN) : Not applicable
UN-No. (RID) : Not applicable

### 14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not applicable
Proper Shipping Name (IMDG) : Not applicable
Proper Shipping Name (IATA) : Not applicable
Proper Shipping Name (ADN) : Not applicable
Proper Shipping Name (RID) : Not applicable

## 14.3. Transport hazard class(es)

**ADR**
Transport hazard class(es) (ADR) : Not applicable

**IMDG**
Transport hazard class(es) (IMDG) : Not applicable

**IATA**
Transport hazard class(es) (IATA) : Not applicable

**ADN**
Transport hazard class(es) (ADN) : Not applicable

**RID**
Transport hazard class(es) (RID) : Not applicable

## 14.4. Packing group

Packing group (ADR) : Not applicable
Packing group (IMDG) : Not applicable
Packing group (IATA) : Not applicable
Packing group (ADN) : Not applicable
Packing group (RID) : Not applicable

## 14.5. Environmental hazards

Dangerous for the environment : No
Marine pollutant : No
Other information : No supplementary information available

## 14.6. Special precautions for user

**Overland transport**
Not applicable

**Transport by sea**
Not applicable

**Air transport**
Not applicable

**Inland waterway transport**
Not applicable

**Rail transport**
Not applicable

## 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

# SECTION 15: Regulatory information

## 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

### 15.1.1. EU-Regulations

**REACH Annex XVII (Restriction List)**

Not applicable.

**REACH Annex XIV (Authorisation List)**

Not applicable.

### REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

### PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

### Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

### Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

### 15.1.2. National regulations

### Germany

| | | |
|---|---|---|
| Water hazard class (WGK) | : | WGK nwg, Non-hazardous to water (Classification according to AwSV, Annex 1). |
| Hazardous Incident Ordinance (12. BImSchV) | : | Is not subject of the Hazardous Incident Ordinance (12. BImSchV) |

### Netherlands

| | | |
|---|---|---|
| SZW-lijst van kankerverwekkende stoffen | : | gelatin, Food Grade is listed |
| SZW-lijst van mutagene stoffen | : | gelatin, Food Grade is listed |
| SZW-lijst van reprotoxische stoffen – Borstvoeding | : | None of the components are listed |
| SZW-lijst van reprotoxische stoffen – Vruchtbaarheid | : | None of the components are listed |
| SZW-lijst van reprotoxische stoffen – Ontwikkeling | : | None of the components are listed |

### Switzerland

| | | |
|---|---|---|
| Storage class (LK) | : | NG - Non-hazardous |

## 15.2. Chemical safety assessment

No additional information available

## SECTION 16: Other information

No additional information available

Safety Data Sheet (SDS), EU

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