

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

### 1.1. Product identifier

|                               |                                                                                                                                                |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Product form                  | : Mixture                                                                                                                                      |
| Trade name                    | : JOLEE 7887                                                                                                                                   |
| REACH number                  | : all the ingredients of this product in the scope of Regulation 1907/2006/EC (REACH), if not exempted, have been registered.                  |
| C&L notification reference no | : all the ingredients of this product in the scope of Regulation 1272/2008/EC (CLP), if not exempted, have been notified to the C&L Inventory. |

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

#### Relevant identified uses

|                          |                  |
|--------------------------|------------------|
| Main use category        | : Industrial use |
| Function or use category | : Cosmetics      |

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

OLEON N.V.  
Assenedestraat 2  
BE 9940 Ertvelde  
Belgium  
T +32 9 341 10 11, F +32 9 341 10 00  
[sds@oleon.com](mailto:sds@oleon.com), [www.oleon.com](http://www.oleon.com)

### 1.4. Emergency telephone number

|                  |                                                                                                                           |
|------------------|---------------------------------------------------------------------------------------------------------------------------|
| Emergency number | : 24/7 EMERGENCY NUMBER (SGS ERS; Oleon contract nr 76858)<br>+32 3 575 55 55 (worldwide); +1 888 765 6554 (USA tollfree) |
|------------------|---------------------------------------------------------------------------------------------------------------------------|

## 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

Other hazards which do not result in classification : None under normal conditions.

Contains no PBT and/or vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

#### Component

|                                                                                                                                                                                                                                                                                                                                         |                                                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| Substance(s) not included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 | Polyglycerin polyricinoleate (68936-89-0), Sorbitan, isooctadecanoate (71902-01-7) |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

| Name                         | Product identifier                                                     | %       | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|------------------------------|------------------------------------------------------------------------|---------|-----------------------------------------------------------------|
| Polyglycerin polyricinoleate | CAS No.: 68936-89-0<br>EC no.: polymer                                 | 50 – 90 | Not classified                                                  |
| Sorbitan, isooctadecanoate   | CAS No.: 71902-01-7<br>EC no.: 276-171-2<br>REACH-no: 01-2119969494-22 | 10 – 50 | Not classified                                                  |

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

|                                       |                                                                                                 |
|---------------------------------------|-------------------------------------------------------------------------------------------------|
| First-aid measures general            | : If you feel unwell, seek medical advice.                                                      |
| First-aid measures after inhalation   | : Remove victim to fresh air. Respiratory problems: consult a doctor/medical service.           |
| First-aid measures after skin contact | : Wash off immediately with soap and plenty of water. If irritation persists, consult a doctor. |
| First-aid measures after eye contact  | : Rinse immediately with plenty of water. Consult an ophthalmologist if irritation persists.    |
| First-aid measures after ingestion    | : Rinse mouth out with water. Get medical advice/attention if you feel unwell.                  |

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

|                  |             |
|------------------|-------------|
| Symptoms/effects | : Unlikely. |
|------------------|-------------|

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

No supplementary information available.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

|                              |                                                                                                                                                              |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Suitable extinguishing media | : AFFF foam. BC-powder. Carbon dioxide. Dry sand. Dry chemical powder. Use the extinguishing media recommended for the burning materials and fire situation. |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|

Unsuitable extinguishing media : Do not use water jet.

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

Fire hazard : DIRECT FIRE HAZARD: Combustible. INDIRECT FIRE HAZARD: Heating may cause a fire or explosion. Temperature above flashpoint: higher fire/explosion hazard.

Explosion hazard : No direct explosion hazard.

Reactivity in case of fire : On burning: release of carbon monoxide/carbon dioxide.

## 5.3. Advice for firefighters

Other information : No supplementary information available.

# SECTION 6: Accidental release measures

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

General measures : Mark the danger area. Exposure to fire/heat: have neighbourhood close doors and windows.  
Exposure to fire/heat: consider evacuation. Wash contaminated clothing before reuse.

### For non-emergency personnel

Protective equipment : See "Material-Handling" to select protective clothing.

### For emergency responders

Protective equipment : For further information refer to section 8: "Exposure controls/personal protection".

## 6.2. Environmental precautions

Prevent soil and water pollution.

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

Methods for cleaning up : Clean contaminated surfaces with a soap solution. Flush/dilute with water. Take up liquid spill into absorbent material, e.g.: sand, earth, vermiculite or powdered limestone.

Other information : No supplementary information available.

## 6.4. Reference to other sections

Concerning disposal elimination after cleaning, see section 13.

# SECTION 7: Handling and storage

## 7.1. Precautions for safe handling

Handling temperature :  $\geq 10\text{ }^{\circ}\text{C}$  above melting point

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

Information on mixed storage : No supplementary information available.

Storage area : Keep container in a well-ventilated place. Store at ambient temperature. Keep out of direct sunlight. Meet the legal requirements.

Special rules on packaging : Store in a closed container. Suitably labelled. Meet the legal requirements.

Packaging materials : No supplementary information available.

## 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Exposure controls

#### Personal protection equipment

##### Personal protective equipment:

Gloves. Protective clothing. Safety glasses.

##### Personal protective equipment symbol(s):



#### Skin protection

##### Other skin protection

##### Materials for protective clothing:

Good resistance: Nitrile rubber

## SECTION 9: Physical and chemical properties

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

|                                                 |                                          |
|-------------------------------------------------|------------------------------------------|
| Physical state                                  | : Liquid                                 |
| Colour                                          | : Amber to brown.                        |
| Appearance (room temperature)                   | : Liquid. Viscous.                       |
| Odour                                           | : Characteristic. Sweet odour.           |
| Odour threshold                                 | : Not available                          |
| Melting point                                   | : < 16 °C                                |
| Freezing point                                  | : Not available                          |
| Boiling point                                   | : > 280 °C                               |
| HMIS Flammability                               | : Not available                          |
| Explosive properties                            | : Product is not explosive.              |
| Lower explosion limit                           | : Not available                          |
| Upper explosion limit                           | : Not available                          |
| Flash point                                     | : ≈ 278 °C (ASTM D92)                    |
| Auto-ignition temperature                       | : > 300 °C                               |
| Decomposition temperature                       | : Flash point                            |
| pH                                              | : 5 – 8                                  |
| Viscosity, kinematic                            | : ca. 1300 mm <sup>2</sup> /s (40°C)     |
| Solubility                                      | : Water: dispersible @20°C               |
| Partition coefficient n-octanol/water (Log Kow) | : Not available                          |
| Partition coefficient n-octanol/water (Log Pow) | : > 5                                    |
| Vapour pressure                                 | : No supplementary information available |
| Vapour pressure at 50 °C                        | : Not available                          |
| Density                                         | : ca. 963 kg/m <sup>3</sup>              |
| Relative density                                | : Not available                          |
| Relative vapour density at 20°C                 | : Not available                          |
| Particle characteristics                        | : Not applicable                         |

### Polyglycerin polycinoleate

|                 |                                        |
|-----------------|----------------------------------------|
| Vapour pressure | No supplementary information available |
|-----------------|----------------------------------------|

### Sorbitan, iso-octadecanoate

|                 |                                        |
|-----------------|----------------------------------------|
| Vapour pressure | No supplementary information available |
|-----------------|----------------------------------------|

## 9.2. Other information

### Other safety characteristics

|                  |                                                                |
|------------------|----------------------------------------------------------------|
| VOC content      | : < 1 % (1999/13/EC; 2004/42/EC; 2010/75/EU; SR 814.018)       |
| Refractive index | : 1.4659 (60°C)                                                |
| Other properties | : Oily, Soluble in oils/fats, Soluble in most organic solvents |

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

On burning: release of carbon monoxide/carbon dioxide.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No additional information available

### 10.4. Conditions to avoid

No supplementary information available.

### 10.5. Incompatible materials

No supplementary information available.

### 10.6. Hazardous decomposition products

No supplementary information available.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

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

### JOLEE 7887

|               |                        |
|---------------|------------------------|
| LD50 oral rat | > 5000 mg/kg Non-toxic |
|---------------|------------------------|

### Polyglycerin polycinoleate (68936-89-0)

|               |                        |
|---------------|------------------------|
| LD50 oral rat | > 5000 mg/kg Non-toxic |
|---------------|------------------------|

**Sorbitan, isoctadecanoate (71902-01-7)**

LD50 oral rat : > 5000 mg/kg Non-toxic

Skin corrosion/irritation : Not classified  
pH: 5 – 8

**Polyglycerin polyricinoleate (68936-89-0)**

pH : 5 – 8

**Sorbitan, isoctadecanoate (71902-01-7)**

pH : 5 – 8

Serious eye damage/irritation : Not classified  
pH: 5 – 8

**Polyglycerin polyricinoleate (68936-89-0)**

pH : 5 – 8

**Sorbitan, isoctadecanoate (71902-01-7)**

pH : 5 – 8

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

**JOLEE 7887**

Viscosity, kinematic : ca. 1300 mm<sup>2</sup>/s (40°C)

**Polyglycerin polyricinoleate (68936-89-0)**

Viscosity, kinematic : > 1000 mm<sup>2</sup>/s (40°C)

**11.2. Information on other hazards**

**Endocrine disrupting properties**

Adverse health effects caused by endocrine disrupting properties : The substance/mixture has no endocrine disrupting properties.

**SECTION 12: Ecological information**

**12.1. Toxicity**

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
Ecology - air : No supplementary information available.  
Ecology - water : No data available concerning bioaccumulation  
Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term : Not classified  
(chronic)

## 12.2. Persistence and degradability

### JOLEE 7887

|                               |                    |
|-------------------------------|--------------------|
| Persistence and degradability | Rapidly degradable |
|-------------------------------|--------------------|

### Polyglycerin polyricinoleate (68936-89-0)

|                               |                    |
|-------------------------------|--------------------|
| Persistence and degradability | Rapidly degradable |
|-------------------------------|--------------------|

### Sorbitan, isoctadecanoate (71902-01-7)

|                               |                    |
|-------------------------------|--------------------|
| Persistence and degradability | Rapidly degradable |
|-------------------------------|--------------------|

## 12.3. Bioaccumulative potential

### JOLEE 7887

|                                                 |     |
|-------------------------------------------------|-----|
| Partition coefficient n-octanol/water (Log Pow) | > 5 |
|-------------------------------------------------|-----|

### Polyglycerin polyricinoleate (68936-89-0)

|                                                 |     |
|-------------------------------------------------|-----|
| Partition coefficient n-octanol/water (Log Pow) | > 5 |
|-------------------------------------------------|-----|

### Sorbitan, isoctadecanoate (71902-01-7)

|                                                 |     |
|-------------------------------------------------|-----|
| Partition coefficient n-octanol/water (Log Pow) | > 5 |
|-------------------------------------------------|-----|

## 12.4. Mobility in soil

No additional information available

## 12.5. Results of PBT and vPvB assessment

No additional information available

## 12.6. Endocrine disrupting properties

|                                                                              |                                                                                                                                                                                                                                                                                                                                                |
|------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Adverse effects on the environment caused by endocrine disrupting properties | : The substance is not included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. |
|------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 12.7. Other adverse effects

### JOLEE 7887

|                   |                                        |
|-------------------|----------------------------------------|
| Other information | No supplementary information available |
|-------------------|----------------------------------------|

### Polyglycerin polyricinoleate (68936-89-0)

|                   |                                        |
|-------------------|----------------------------------------|
| Other information | No supplementary information available |
|-------------------|----------------------------------------|

### Sorbitan, isoctadecanoate (71902-01-7)

|                   |                                        |
|-------------------|----------------------------------------|
| Other information | No supplementary information available |
|-------------------|----------------------------------------|

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

|                                           |                                                                                                                                                                                                                                                                 |
|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Disposal                                  | : Prevent dispersion by covering with dry absorbent,Scoop solid spill into closing containers,Scoop absorbed substance into closing containers,Clean contaminated surfaces with an excess of water and soap solution,Wash clothing and equipment after handling |
| Regional waste regulation                 | : No supplementary information available.                                                                                                                                                                                                                       |
| Ecological waste information              | : Do not discharge into drains or the environment. Remove to an authorized waste treatment plant.                                                                                                                                                               |
| European List of Waste (LoW, EC 2000/532) | : No supplementary information available                                                                                                                                                                                                                        |

## SECTION 14: Transport information

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

| ADR                                     | IMDG                                                      | IATA                              | ADN                               | RID                               |
|-----------------------------------------|-----------------------------------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| <b>14.1. UN number or ID number</b>     |                                                           |                                   |                                   |                                   |
| Not regulated for transport             |                                                           |                                   |                                   |                                   |
| <b>14.2. UN proper shipping name</b>    |                                                           |                                   |                                   |                                   |
| Not applicable                          | Not applicable                                            | Not applicable                    | Not applicable                    | Not applicable                    |
| <b>14.3. Transport hazard class(es)</b> |                                                           |                                   |                                   |                                   |
| Not applicable                          | -                                                         | Not applicable                    | Not applicable                    | Not applicable                    |
| <b>14.4. Packing group</b>              |                                                           |                                   |                                   |                                   |
| Not applicable                          | Not applicable                                            | Not applicable                    | Not applicable                    | Not applicable                    |
| <b>14.5. Environmental hazards</b>      |                                                           |                                   |                                   |                                   |
| Dangerous for the environment: No       | Dangerous for the environment: No<br>Marine pollutant: No | Dangerous for the environment: No | Dangerous for the environment: No | Dangerous for the environment: No |
| Marine pollutant: no                    |                                                           |                                   |                                   |                                   |

### 14.6. Special precautions for user

#### Overland transport

Transport regulations (ADR) : Not subject

#### Transport by sea

Transport regulations (IMDG) : Not subject

#### Air transport

Transport regulations (IATA) : Not subject

#### Inland waterway transport

No data available

#### Rail transport

Transport regulations (RID) : Not subject

## 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

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

#### EU-Regulations

##### REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

##### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

##### 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 (2024/590)

Not listed on the Ozone Depletion list (Regulation EU 2024/590)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

##### Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

##### VOC Directive (2004/42)

VOC content : < 1 % (1999/13/EC; 2004/42/EC; 2010/75/EU; SR 814.018)

##### Explosives Precursors Regulation (EU 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 (EC 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)

#### National regulations

|                          |                                                                                                             |
|--------------------------|-------------------------------------------------------------------------------------------------------------|
| Related CAS RN           | : PGPR: CAS RN 29894-35-7                                                                                   |
| Chemical inventories     | : Compliant with AICIS, EU REACH, IECSC, NCI, NDSL, NZIoC, PICCS, TCSI, TR EAEU, TSCA                       |
| KKDIK number (Turkey)    | : not all the ingredients of this product in the scope of KKDIK have been (pre-)registered.                 |
| K-REACH (Korea)          | : all the ingredients of this product in the scope of K-REACH, if not exempted, have been (pre-)registered. |
| UK-REACH (Great Britain) | : all the ingredients of this product in the scope of UK-REACH, if not exempted, have been notified.        |
| Swiss ChemO (SR 813.11)  | : No supplementary information available                                                                    |

#### Germany

Water hazard class (WGK) : WGK 1, Slightly hazardous to water (Classification according to AwSV, Annex 1).  
VOC content : < 1 % (1999/13/EC; 2004/42/EC; 2010/75/EU; SR 814.018)

#### Netherlands

ABM category : A(4) - low hazard for aquatic organisms, may have longterm hazardous effects in aquatic environment  
SZW List of Carcinogenic Substances : None of the components are listed  
SZW List of Mutagenic Substances : None of the components are listed  
SZW List of Reprotoxic Substances – Breastfeeding : None of the components are listed  
SZW List of Reprotoxic Substances – Fertility : None of the components are listed  
SZW List of Reprotoxic Substances – Development : None of the components are listed

#### Denmark

Classification remarks : Emergency management guidelines for the storage of flammable liquids must be followed

### 15.2. Chemical safety assessment

**For the following substances of this mixture a chemical safety assessment has been carried out:**

Sorbitan, isooctadecanoate

### SECTION 16: Other information

Training advice : No supplementary information available.  
Chemical inventories legend : AICIS = Australian Inventory of Industrial Chemicals  
EU REACH = European Union REACH Regulation 1907/2006  
IECSC = Inventory of Existing Chemicals Substances in China  
NCI = Vietnam National Chemical Inventory  
NDSL = Canadian Non Domestic Substances List  
NZIoC = New Zealand Inventory of Chemicals  
PICCS = Philippines Inventory of Chemicals and Chemical Substances  
TCSI = Taiwan Chemical Substance Inventory  
TR EAEU = Eurasian Economic Union Unified list of chemicals  
TSCA = USA Toxic Substances Control Act  
SDS changed sections : 11 - Toxicological information; 12 - Ecological information  
SDS Reason for revision : No supplementary information available  
Other information : Previous trade name: RADIA 7887.

SDS EU Oleon Annex II

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.