



## SAFETY DATA SHEET WINNOFIL

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

#### 1.1. Product identifier

|                           |                                                                                                                                      |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Product name              | WINNOFIL                                                                                                                             |
| Product number            | 10894                                                                                                                                |
| Synonyms; trade names     | WINNOFIL S, WINNOFIL SP, WINNOFIL SPM, WINNOFIL SPT, WINNOFIL SPT PREMIUM, WINNOFIL COATED, WINNOFIL SOCIAL COATED, WINNOFIL DFE-489 |
| REACH registration number | 01-2119486795-18-XXXX                                                                                                                |
| REACH registration notes  | This product is not classified as hazardous, the information in this datasheet is given for guidance only.                           |
| CAS number                | 471-34-1                                                                                                                             |
| EC number                 | 207-439-9                                                                                                                            |

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

|                 |        |
|-----------------|--------|
| Identified uses | Filler |
|-----------------|--------|

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

|          |                                                                                                                                      |
|----------|--------------------------------------------------------------------------------------------------------------------------------------|
| Supplier | Univar<br>Aquarius House<br>6 Mid Point Business Park<br>Bradford<br>BD3 7AY<br>+44 1274 267300<br>sds@univar.com<br>+44 1274 267306 |
|----------|--------------------------------------------------------------------------------------------------------------------------------------|

#### 1.4. Emergency telephone number

|                     |                                |
|---------------------|--------------------------------|
| Emergency telephone | SGS - +32 (0)3 575 55 55 (24h) |
| Sds No.             | 10894                          |

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (EC 1272/2008)

|                       |                |
|-----------------------|----------------|
| Physical hazards      | Not Classified |
| Health hazards        | Not Classified |
| Environmental hazards | Not Classified |

#### 2.2. Label elements

|                   |                   |
|-------------------|-------------------|
| EC number         | 207-439-9         |
| Hazard statements | NC Not Classified |

## WINNOFIL

### 2.3. Other hazards

This substance is not classified as PBT or vPvB according to current EU criteria.

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

|                                         |                                                       |                                                  |
|-----------------------------------------|-------------------------------------------------------|--------------------------------------------------|
| <b>CALCIUM CARBONATE</b>                |                                                       | <b>60-100%</b>                                   |
| CAS number: 471-34-1                    | EC number: 207-439-9                                  | REACH registration number: 01-2119486795-18-XXXX |
| <b>Classification</b><br>Not Classified | <b>Classification (67/548/EEC or 1999/45/EC)</b><br>- |                                                  |

  

|                                                                      |  |             |
|----------------------------------------------------------------------|--|-------------|
| <b>FATTY ACID MODIFIER C16 - 18</b>                                  |  | <b>1-5%</b> |
| CAS number: 67701-03-5                                               |  |             |
| <b>Classification</b><br>Skin Irrit. 2 - H315<br>Eye Irrit. 2 - H319 |  |             |

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

|                                  |                                                                                                            |
|----------------------------------|------------------------------------------------------------------------------------------------------------|
| <b>Product name</b>              | WINNOFIL                                                                                                   |
| <b>REACH registration number</b> | 01-2119486795-18-XXXX                                                                                      |
| <b>REACH registration notes</b>  | This product is not classified as hazardous, the information in this datasheet is given for guidance only. |
| <b>CAS number</b>                | 471-34-1                                                                                                   |
| <b>EC number</b>                 | 207-439-9                                                                                                  |

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

|                     |                                                                                                                                                                                                 |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation</b>   | Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.                                                                  |
| <b>Ingestion</b>    | Rinse mouth thoroughly with water. Get medical attention if any discomfort continues. Do not induce vomiting.                                                                                   |
| <b>Skin contact</b> | Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.                 |
| <b>Eye contact</b>  | Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues. |

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

|                    |                                     |
|--------------------|-------------------------------------|
| <b>Eye contact</b> | May cause temporary eye irritation. |
|--------------------|-------------------------------------|

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

|                             |                                                                           |
|-----------------------------|---------------------------------------------------------------------------|
| <b>Notes for the doctor</b> | No specific recommendations. If in doubt, get medical attention promptly. |
|-----------------------------|---------------------------------------------------------------------------|

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

## WINNOFIL

**Suitable extinguishing media** The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

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

**Hazardous combustion products** Oxides of: Carbon.

### 5.3. Advice for firefighters

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## **SECTION 6: Accidental release measures**

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

**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet. Avoid inhalation of dust.

### 6.2. Environmental precautions

**Environmental precautions** Do not discharge into drains or watercourses or onto the ground. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

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

**Methods for cleaning up** Avoid generation and spreading of dust. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Flush contaminated area with plenty of water. Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13.

### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. For waste disposal, see section 13.

## **SECTION 7: Handling and storage**

### 7.1. Precautions for safe handling

**Usage precautions** Avoid spilling. Avoid contact with skin and eyes. Avoid handling which leads to dust formation.

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

**Storage precautions** Store in tightly-closed, original container in a dry, cool and well-ventilated place.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## **SECTION 8: Exposure Controls/personal protection**

### 8.1. Control parameters

#### Occupational exposure limits

#### **CALCIUM CARBONATE**

Long-term exposure limit (8-hour TWA): WEL 10 mg/m<sup>3</sup> inhalable dust

Long-term exposure limit (8-hour TWA): WEL 4 mg/m<sup>3</sup> respirable dust

WEL = Workplace Exposure Limit

**Ingredient comments** No exposure limits known for ingredient(s).

**CALCIUM CARBONATE (CAS: 471-34-1)**

## WINNOFIL

### DNEL

Workers - Inhalation; Long term local effects: 4.26 mg/m<sup>3</sup>

Consumer - Inhalation; Long term local effects: 1.06 mg/m<sup>3</sup>

Workers - Inhalation; Long term systemic effects: 10 mg/m<sup>3</sup>

Consumer - Inhalation; Long term systemic effects: 10 mg/m<sup>3</sup>

### 8.2. Exposure controls

#### Protective equipment



#### Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of dust. Observe any occupational exposure limits for the product or ingredients.

#### Eye/face protection

The following protection should be worn: Chemical splash goggles. Personal protective equipment for eye and face protection should comply with European Standard EN166.

#### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. To protect hands from chemicals, gloves should comply with European Standard EN374.

#### Other skin and body protection

Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate.

#### Hygiene measures

Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated.

#### Respiratory protection

No specific recommendations. Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m<sup>3</sup>. EN 136/140/145/143/149

## SECTION 9: Physical and Chemical Properties

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

|                                              |                                   |
|----------------------------------------------|-----------------------------------|
| Appearance                                   | Dusty powder.                     |
| Colour                                       | White.                            |
| Odour                                        | Almost odourless.                 |
| Odour threshold                              | No information available.         |
| pH                                           | pH (concentrated solution): 6 - 8 |
| Melting point                                | No information available.         |
| Initial boiling point and range              | No information available.         |
| Flash point                                  | No information available.         |
| Evaporation rate                             | No information available.         |
| Evaporation factor                           | No information available.         |
| Flammability (solid, gas)                    | No information available.         |
| Upper/lower flammability or explosive limits | No information available.         |
| Other flammability                           | No information available.         |
| Vapour pressure                              | No information available.         |

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|                                          |                           |
|------------------------------------------|---------------------------|
| Vapour density                           | No information available. |
| Relative density                         | 2.7                       |
| Bulk density                             | No information available. |
| Solubility(ies)                          | Insoluble in water.       |
| Auto-ignition temperature                | No information available. |
| Decomposition Temperature                | No information available. |
| Viscosity                                | No information available. |
| Explosive properties                     | No information available. |
| Explosive under the influence of a flame | No information available. |
| Oxidising properties                     | No information available. |

### 9.2. Other information

|                           |                           |
|---------------------------|---------------------------|
| Other information         | No information required.  |
| Refractive index          | No information available. |
| Particle size             | No information available. |
| Molecular weight          | No information available. |
| Volatility                | No information available. |
| Saturation concentration  | No information available. |
| Critical temperature      | No information available. |
| Volatile organic compound | No information available. |

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

|            |                                                                     |
|------------|---------------------------------------------------------------------|
| Reactivity | There are no known reactivity hazards associated with this product. |
|------------|---------------------------------------------------------------------|

### 10.2. Chemical stability

|           |                                        |
|-----------|----------------------------------------|
| Stability | Stable at normal ambient temperatures. |
|-----------|----------------------------------------|

### 10.3. Possibility of hazardous reactions

|                                    |                 |
|------------------------------------|-----------------|
| Possibility of hazardous reactions | Not determined. |
|------------------------------------|-----------------|

### 10.4. Conditions to avoid

|                     |                                                     |
|---------------------|-----------------------------------------------------|
| Conditions to avoid | Avoid excessive heat for prolonged periods of time. |
|---------------------|-----------------------------------------------------|

### 10.5. Incompatible materials

|                    |               |
|--------------------|---------------|
| Materials to avoid | Strong acids. |
|--------------------|---------------|

### 10.6. Hazardous decomposition products

|                                  |                                             |
|----------------------------------|---------------------------------------------|
| Hazardous decomposition products | Oxides of the following substances: Carbon. |
|----------------------------------|---------------------------------------------|

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

## WINNOFIL

### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** LD<sub>50</sub> > 2000 mg/kg/day, Oral, Rat OECD 420

### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** LD<sub>50</sub> > 2000 mg/kg/day, Dermal, Rat OECD 402

### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** LC<sub>50</sub> (4hr) > 3 mg/l, Inhalation, Rat OECD 403

### Skin corrosion/irritation

**Animal data** No information available.

### Serious eye damage/irritation

**Serious eye damage/irritation** No information available.

### Respiratory sensitisation

**Respiratory sensitisation** No information available.

### Skin sensitisation

**Skin sensitisation** No information available.

### Germ cell mutagenicity

**Genotoxicity - in vitro** No information available.

### Carcinogenicity

**Carcinogenicity** No information available.

### Reproductive toxicity

**Reproductive toxicity - fertility** No information available.

### Specific target organ toxicity - single exposure

**STOT - single exposure** No information available.

### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** No information available.

### Aspiration hazard

**Aspiration hazard** No information available.

**Inhalation** Dust in high concentrations may irritate the respiratory system.

**Ingestion** May cause discomfort if swallowed.

**Skin contact** Powder may irritate skin.

**Eye contact** May cause temporary eye irritation.

## CALCIUM CARBONATE

### Skin corrosion/irritation

**Animal data** Based on available data the classification criteria are not met.

### Serious eye damage/irritation

**Serious eye damage/irritation** Based on available data the classification criteria are not met.

### Respiratory sensitisation

**Respiratory sensitisation** Based on available data the classification criteria are not met.

## WINNOFIL

### Skin sensitisation

**Skin sensitisation** Based on available data the classification criteria are not met.

### Germ cell mutagenicity

**Genotoxicity - in vitro** Based on available data the classification criteria are not met.

### Carcinogenicity

**Carcinogenicity** Based on available data the classification criteria are not met.

### Reproductive toxicity

**Reproductive toxicity - fertility** Based on available data the classification criteria are not met.

### Specific target organ toxicity - single exposure

**STOT - single exposure** Based on available data the classification criteria are not met.

### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** Based on available data the classification criteria are not met.

### Aspiration hazard

**Aspiration hazard** Not applicable.

**Inhalation** Dust in high concentrations may irritate the respiratory system.

**Ingestion** No specific health hazards known.

**Skin contact** No specific health hazards known.

**Eye contact** May cause temporary eye irritation.

## SECTION 12: Ecological Information

**Ecotoxicity** The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

### CALCIUM CARBONATE

**Ecotoxicity** The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

#### 12.1. Toxicity

**Toxicity** Not considered toxic to fish.

### CALCIUM CARBONATE

**Toxicity** Not considered toxic to fish.

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: >200 mg/l, Algae

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: >1000 mg/l, Daphnia magna

**Acute toxicity - aquatic plants** IC<sub>50</sub>, 72 hours: >10000 mg/l, Fish

#### 12.2. Persistence and degradability

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**Persistence and degradability** The product is not biodegradable.

### CALCIUM CARBONATE

**Persistence and degradability** The product is not biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** The product is not bioaccumulating.

### CALCIUM CARBONATE

**Bioaccumulative potential** The product does not contain any substances expected to be bioaccumulating.

**Partition coefficient** : <1

### 12.4. Mobility in soil

**Mobility** The product is insoluble in water.

### CALCIUM CARBONATE

**Mobility** The product is insoluble in water.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

### CALCIUM CARBONATE

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

**Other adverse effects** No data available.

### CALCIUM CARBONATE

**Other adverse effects** Not determined.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** Waste should be treated as controlled waste.

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

## SECTION 14: Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 14.1. UN number

Not applicable.

### 14.2. UN proper shipping name

## WINNOFIL

Not applicable.

### 14.3. Transport hazard class(es)

No transport warning sign required.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

### 14.6. Special precautions for user

Not applicable.

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

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78

and the IBC Code

## SECTION 15: Regulatory information

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

#### EU legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Commission Regulation (EU) No 2015/830 of 28 May 2015.

### 15.2. Chemical safety assessment

A chemical safety assessment has been carried out.

## SECTION 16: Other information

## WINNOFIL

### Abbreviations and acronyms used in the safety data sheet

ATE: Acute Toxicity Estimate.  
 ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.  
 ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.  
 CAS: Chemical Abstracts Service.  
 DNEL: Derived No Effect Level.  
 IATA: International Air Transport Association.  
 IMDG: International Maritime Dangerous Goods.  
 Kow: Octanol-water partition coefficient.  
 LC<sub>50</sub>: Lethal Concentration to 50 % of a test population.  
 LD<sub>50</sub>: Lethal Dose to 50% of a test population (Median Lethal Dose).  
 PBT: Persistent, Bioaccumulative and Toxic substance.  
 PNEC: Predicted No Effect Concentration.  
 REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.  
 RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.  
 vPvB: Very Persistent and Very Bioaccumulative.  
 IARC: International Agency for Research on Cancer.  
 MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978.  
 cATpE: Converted Acute Toxicity Point Estimate.  
 BCF: Bioconcentration Factor.  
 BOD: Biochemical Oxygen Demand.  
 EC<sub>50</sub>: 50% of maximal Effective Concentration.  
 LOAEC: Lowest Observed Adverse Effect Concentration.  
 LOAEL: Lowest Observed Adverse Effect Level.  
 NOAEC: No Observed Adverse Effect Concentration.  
 NOAEL: No Observed Adverse Effect Level.  
 NOEC: No Observed Effect Concentration.  
 LOEC: Lowest Observed Effect Concentration.  
 DMEL: Derived Minimal Effect Level.  
 EL50: Exposure Limit 50  
 hPa: Hectopascal  
 LL50: Lethal Loading fifty  
 OECD: Organisation for Economic Co-operation and Development  
 POW: Octanol-water partition coefficient  
 SCBA: self-contained breathing apparatus  
 STP: Sewage Treatment Plant  
 VOC: Volatile Organic Compounds

### Classification abbreviations and acronyms

Acute Tox. = Acute toxicity  
 Aquatic Acute = Hazardous to the aquatic environment (acute)  
 Aquatic Chronic = Hazardous to the aquatic environment (chronic)

### Key literature references and sources for data

Supplier's information.

### Revision comments

NOTE: Lines within the margin indicate significant changes from the previous revision.

### Revision date

17/05/2017

### Revision

05

### Supersedes date

27/04/2017

### SDS number

10894

**WINNOFIL**

|                                  |                                                                     |
|----------------------------------|---------------------------------------------------------------------|
| <b>Version number</b>            | 1.003                                                               |
| <b>SDS status</b>                | Approved.                                                           |
| <b>Signature</b>                 | Jitendra Panchal                                                    |
| <b>Risk phrases in full</b>      | Not classified.                                                     |
| <b>Hazard statements in full</b> | H315 Causes skin irritation.<br>H319 Causes serious eye irritation. |