



## SAFETY DATA SHEET

### VEGETABLE & HYDROGENATED VEGETABLE OILS

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

##### 1.1. Product identifier

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product name          | VEGETABLE & HYDROGENATED VEGETABLE OILS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Product number        | 20863                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Synonyms; trade names | AKOGREEN SFW, AGRIPURE 60, AGRIPURE 406, ALMOND, APRICOT KERNEL, GRAPESEED, PRIMROSE, GROUNDNUT, SUNFLOWER, SESAME, SOYA, AVOCADO, OLIVE, WHEATERM, WALNUT, RAPESEED, MAIZE, PASSION FRUIT, COCONUT, HAZELNUT, MACADAMIA, PALM, CORN OIL, ALMOND OIL SWEET DAB10/USP23, LUBRITAB, ORGANIC ARGAN OIL, ARGAN OIL SUPRA, BAOBAB OIL, TAMANU OIL, CAMELINA OIL, SCHNEIDÖL SG-ÖL-T, BLACK CUMIN SEED OIL, RASPBERRY SEED OIL, HEMP ORGANIC CP OIL, SUNFLOWER ORGANIC RD OIL, OLIVE OIL, COSMETIC GRADE REFINED, DHATELO OIL REFINED LA030055, CRUDE RAPESEED OIL, SOYBEAN OIL, RAPESEED OIL, COLD PRESSED RAPESEED OIL, HYDROGENATED PALM KERNEL OIL, REFINED RAPESEED OIL, BIOCHEMICA MACADAMIA OIL REF |

REACH registration notes Exempt -Food / Pharma. application exempt by Article 2(5)

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

Identified uses Pharmaceuticals Personal Care Food industry

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

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

##### 1.4. Emergency telephone number

Emergency telephone SGS - +32 (0)3 575 55 55 (24h)

Sds No. 20863

#### 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

Hazard statements NC Not Classified

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### 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

|                          |                                                                                                                  |
|--------------------------|------------------------------------------------------------------------------------------------------------------|
| Product name             | VEGETABLE & HYDROGENATED VEGETABLE OILS                                                                          |
| REACH registration notes | Exempt -Food / Pharma. application exempt by Article 2(5)                                                        |
| Composition comments     | No classified ingredients, or those having occupational exposure limits, present above the levels of disclosure. |

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

|              |                                                                                                                                                                                                                                                                     |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Inhalation   | Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.                                                                                                                                      |
| Ingestion    | Never give anything by mouth to an unconscious person. Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues. |
| Skin contact | Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.                                                                                     |
| Eye contact  | Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. 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

|                     |                                   |
|---------------------|-----------------------------------|
| General information | No specific health hazards known. |
|---------------------|-----------------------------------|

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

|                      |                        |
|----------------------|------------------------|
| Notes for the doctor | Treat symptomatically. |
|----------------------|------------------------|

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

|                              |                                                                                                                                                         |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Suitable extinguishing media | Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Do not use water jet as an extinguisher, as this will spread the fire. |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|

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

|                               |                                                                                                                    |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Hazardous combustion products | Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------|

#### 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 | Follow precautions for safe handling described in this safety data sheet. Avoid inhalation of vapours and contact with skin and eyes. Provide adequate ventilation. |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### 6.2. Environmental precautions

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**Environmental precautions** Avoid discharge into water courses 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** Absorb spillage with non-combustible, absorbent material. 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. Provide adequate ventilation.

### 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. Store at temperatures between 5°C and 15°C.

### 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

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

### 8.2. Exposure controls

**Protective equipment**



**Appropriate engineering controls**

Provide adequate ventilation.

**Eye/face protection**

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses. EN 166

**Hand protection**

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. EN 374

**Other skin and body protection**

Wear suitable protective clothing as protection against splashing or contamination.

**Hygiene measures**

Wash at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke.

**Respiratory protection**

If ventilation is inadequate, suitable respiratory protection must be worn. EN 136/140/141/145/143/149

## SECTION 9: Physical and Chemical Properties

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

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|                                                     |                             |
|-----------------------------------------------------|-----------------------------|
| <b>Appearance</b>                                   | Solid or liquid (may vary). |
| <b>Colour</b>                                       | Various colours.            |
| <b>Odour</b>                                        | No information available.   |
| <b>Odour threshold</b>                              | No information available.   |
| <b>pH</b>                                           | No information available.   |
| <b>Melting point</b>                                | No information available.   |
| <b>Initial boiling point and range</b>              | No information available.   |
| <b>Flash point</b>                                  | > 100°C                     |
| <b>Evaporation rate</b>                             | No information available.   |
| <b>Evaporation factor</b>                           | No information available.   |
| <b>Flammability (solid, gas)</b>                    | No information available.   |
| <b>Upper/lower flammability or explosive limits</b> | No information available.   |
| <b>Other flammability</b>                           | No information available.   |
| <b>Vapour pressure</b>                              | <0.01 mm Hg @ °C            |
| <b>Vapour density</b>                               | No information available.   |
| <b>Relative density</b>                             | 0.9 - 1.0 @ @ 25°C          |
| <b>Bulk density</b>                                 | No information available.   |
| <b>Solubility(ies)</b>                              | Insoluble in water.         |
| <b>Partition coefficient</b>                        | No information available.   |
| <b>Auto-ignition temperature</b>                    | No information available.   |
| <b>Decomposition Temperature</b>                    | No information available.   |
| <b>Viscosity</b>                                    | No information available.   |
| <b>Explosive properties</b>                         | No information available.   |
| <b>Explosive under the influence of a flame</b>     | No information available.   |
| <b>Oxidising properties</b>                         | No information available.   |
| <b><u>9.2. Other information</u></b>                |                             |
| <b>Other information</b>                            | Not determined.             |
| <b>Refractive index</b>                             | No information available.   |
| <b>Particle size</b>                                | No information available.   |
| <b>Molecular weight</b>                             | No information available.   |
| <b>Volatility</b>                                   | No information available.   |
| <b>Saturation concentration</b>                     | No information available.   |
| <b>Critical temperature</b>                         | No information available.   |
| <b>Volatile organic compound</b>                    | No information available.   |

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### 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** None known.

#### 10.4. Conditions to avoid

**Conditions to avoid** Avoid heat, flames and other sources of ignition.

#### 10.5. Incompatible materials

**Materials to avoid** Oxidising agents.

#### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Skin corrosion/irritation

**Animal data** Data lacking.

##### Serious eye damage/irritation

**Serious eye damage/irritation** Data lacking.

##### Respiratory sensitisation

**Respiratory sensitisation** Data lacking.

##### Skin sensitisation

**Skin sensitisation** Data lacking.

##### Germ cell mutagenicity

**Genotoxicity - in vitro** Data lacking.

##### Carcinogenicity

**Carcinogenicity** Data lacking.

##### Reproductive toxicity

**Reproductive toxicity - fertility** Data lacking.

##### Specific target organ toxicity - single exposure

**STOT - single exposure** Data lacking.

##### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** Data lacking.

##### Aspiration hazard

**Aspiration hazard** Data lacking.

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|                     |                                                                                                                                                |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation</b>   | Gas or vapour in high concentrations may irritate the respiratory system. Symptoms following overexposure may include the following: Coughing. |
| <b>Ingestion</b>    | May cause discomfort if swallowed.                                                                                                             |
| <b>Skin contact</b> | Prolonged skin contact may cause temporary irritation.                                                                                         |
| <b>Eye contact</b>  | May cause temporary eye irritation.                                                                                                            |

### SECTION 12: Ecological Information

|                    |                                                                                                                                                          |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Ecotoxicity</b> | The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment. |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|

#### 12.1. Toxicity

##### Acute aquatic toxicity

|                              |                           |
|------------------------------|---------------------------|
| <b>Acute toxicity - fish</b> | No information available. |
|------------------------------|---------------------------|

#### 12.2. Persistence and degradability

|                                      |                                              |
|--------------------------------------|----------------------------------------------|
| <b>Persistence and degradability</b> | The product is expected to be biodegradable. |
|--------------------------------------|----------------------------------------------|

#### 12.3. Bioaccumulative potential

|                                  |                                       |
|----------------------------------|---------------------------------------|
| <b>Bioaccumulative potential</b> | No data available on bioaccumulation. |
|----------------------------------|---------------------------------------|

|                              |                           |
|------------------------------|---------------------------|
| <b>Partition coefficient</b> | No information available. |
|------------------------------|---------------------------|

#### 12.4. Mobility in soil

|                 |                                    |
|-----------------|------------------------------------|
| <b>Mobility</b> | The product is insoluble in water. |
|-----------------|------------------------------------|

#### 12.5. Results of PBT and vPvB assessment

|                                           |                                                                                   |
|-------------------------------------------|-----------------------------------------------------------------------------------|
| <b>Results of PBT and vPvB assessment</b> | This substance is not classified as PBT or vPvB according to current EU criteria. |
|-------------------------------------------|-----------------------------------------------------------------------------------|

#### 12.6. Other adverse effects

|                              |                 |
|------------------------------|-----------------|
| <b>Other adverse effects</b> | Not determined. |
|------------------------------|-----------------|

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

|                            |                                                                                                                                                                                                                          |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General information</b> | Do not puncture or incinerate, even when empty. Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. |
| <b>Disposal methods</b>    | Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.                                                                                              |

### SECTION 14: Transport information

|                |                                                                                                                    |
|----------------|--------------------------------------------------------------------------------------------------------------------|
| <b>General</b> | 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

Not applicable.

#### 14.3. Transport hazard class(es)

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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

Not applicable.

## SECTION 16: Other information

## VEGETABLE & HYDROGENATED VEGETABLE OILS

### 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

09/02/2018

### Version number

1.006

### Supersedes date

28/12/2016

### SDS number

20863

## VEGETABLE & HYDROGENATED VEGETABLE OILS

**SDS status**

Approved.

**Signature**

Jacq Pattinson