

**MORINGA VEGETABLE OIL**

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) &amp; 2020/878

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1 Product identifier**

Product Name MORINGA VEGETABLE OIL  
 Substance name Moringa oleifera, ext.  
 CAS No. 93165-54-9  
 EC No. 296-941-1  
 REACH Registration No. Exempt: tonnage band under 1 ton/year

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

Identified Use(s) Raw material for industry  
 Cosmetic products, detergents  
 Uses Advised Against Not known.

**1.3 Details of the supplier of the safety data sheet**

Supplier  
 Company Identification Scents From Nature - Natural Essential Oils Company, Lda  
 Address of Manufacturer Zona Industrial da Ladeira da Calça, Lote 1  
 Postal code 3260-305 Figueiró dos Vinhos  
 Telephone: (+351) 21 010 3900  
 E-mail Info@SCENTSNATURE.com

**1.4 Emergency telephone number**

National response centre  
 Address Centro de Informação Antivenenos (CIAV)  
 INEM – Instituto Nacional de Emergência Médica,  
 Rua Almirante Barroso, 36,  
 1000 – 013 LISBOA, Portugal.  
 Emergency Phone No. 800 250 250

**SECTION 2: HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture**

Regulation (EC) No. 1272/2008 (CLP) Not classified as dangerous for supply/use.

**2.2 Label elements**

According to Regulation (EC) No. 1272/2008 (CLP)  
 Product Name MORINGA VEGETABLE OIL  
 Substance name Moringa oleifera, ext.  
 Hazard Pictogram(s) None  
 Signal Word(s) None  
 Hazard Statement(s) None  
 Precautionary Statement(s) None

**2.3 Other hazards**

None known.

**2.4 Additional Information**

For full text of H/P Statements see section 16.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.1 Substances**

| HAZARDOUS INGREDIENT(S) | CAS No.    | EC No. / REACH Registration No. | %W/W | Hazard Statement(s) | Hazard Pictogram(s) |
|-------------------------|------------|---------------------------------|------|---------------------|---------------------|
| Moringa oleifera, ext.  | 93165-54-9 | 296-941-1                       | 100  | Not classified      | None                |

Major constituents of the substance contributing to the classification:

| HAZARDOUS INGREDIENT(S) | CAS No.  | EC No. / REACH Registration No. | %W/W  | Hazard Statement(s) | Hazard Pictogram(s) |
|-------------------------|----------|---------------------------------|-------|---------------------|---------------------|
| oleic acid              | 112-80-1 | 204-007-1                       | 70-80 | Not classified      | None                |

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|               |           |           |         |                |      |
|---------------|-----------|-----------|---------|----------------|------|
| palmitic acid | 57-10-3   | 200-312-9 | 4.9-6.5 | Not classified | None |
| benic acid    | 6217-54-5 | 612-950-9 | 4.5-6.5 | Not classified | None |

Contains no non-classified vPvB substances.  
Contains no non-classified substances with a Union workplace exposure limit.  
For full text of H/P Statements see section 16.

**SECTION 4: FIRST AID MEASURES****4.1 Description of first aid measures**

Inhalation If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.  
Skin Contact Wash skin with water.  
Eye Contact Flush eyes with water for at least 15 minutes.  
Ingestion Wash out mouth with water.

**4.2 Most important symptoms and effects, both acute and delayed**

None anticipated. Treat symptomatically.

**4.3 Indication of any immediate medical attention and special treatment needed**

Unlikely to be required but if necessary treat symptomatically.

**SECTION 5: FIREFIGHTING MEASURES****5.1 Extinguishing media**

Suitable Extinguishing media As appropriate for surrounding fire.  
Unsuitable extinguishing media None.

**5.2 Special hazards arising from the substance or mixture**

None anticipated. Heating may cause decomposition.

**5.3 Advice for firefighters**

As appropriate for surrounding fire.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1 Personal precautions, protective equipment and emergency procedures**

Provide adequate ventilation.

**6.2 Environmental precautions**

Do not release large quantities into the surface water or into drains.

**6.3 Methods and material for containment and cleaning up**

Adsorb spillages onto sand, earth or any suitable adsorbent material.

**6.4 Reference to other sections**

See Also Section 8, 13.

**SECTION 7: HANDLING AND STORAGE****7.1 Precautions for safe handling**

Not known.

**7.2 Conditions for safe storage, including any incompatibilities**

Storage temperature Ambient.  
Storage life Stable under normal conditions.  
Incompatible materials None known.

**7.3 Specific end use(s)**

Raw material for industry  
Cosmetic products, detergents

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1 Control parameters**

8.1.1 Occupational Exposure Limits No Occupational Exposure Limit assigned.

**8.2 Exposure controls**

8.2.1. Appropriate engineering controls Ensure adequateventilation.

8.2.2. Personal protection equipment

Eye Protection Wear eye protection with side protection (EN166).



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Skin protection Not normally required.



Respiratory protection Normally no personal respiratory protection is necessary.



Thermal hazards None known.

8.2.3. Environmental Exposure Controls Do not release large quantities into the surface water or into drains.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

|  |  |
|--|--|
| Physical state   | Liquid.  |
| Colour   | Pale yellow  |
| Odour  | Light chestnut aroma   |
| Melting point/freezing point                             | Not known. *   |
| Boiling point or initial boiling point and boiling range | Not known. *   |
| Flammability   | Not known. *   |
| Lower and upper explosion limit                          | Not known. *   |
| Flash Point  | 228°C  |
| Auto-ignition temperature                                | Not known. *   |
| Decomposition Temperature                                | Not known. *   |
| pH   | 5.6  |
| Dynamic viscosity  | 107.57 (20°C); 73.76 (40°C)  |
| Kinematic viscosity                                      | 118.42 mm <sup>2</sup> /s (20°C); 81.20 mm <sup>2</sup> /s (40°C)      |
| Solubility   | Solubility (Water) : Not known. *<br>Solubility (Other) : Not known. * |
| Partition coefficient n-octanol/water (log value)        | Not known. *   |
| Vapour pressure  | Not known. *   |
| Density and/or relative density                          | Density (g/ml) : 0.9084  |
| Relative vapour density                                  | Not known. *   |
| Particle characteristics                                 | Not known. *   |

\* There are no data available at the time of writing this document or it is not applicable due to the nature and danger of the product

### 9.2 Other information

None.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

None anticipated.

### 10.2 Chemical Stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

### 10.4 Conditions to avoid

None anticipated.

### 10.5 Incompatible materials

Not known.

### 10.6 Hazardous decomposition products

No hazardous decomposition products known.

## SECTION 11: TOXICOLOGICAL INFORMATION

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

|                               |                                      |
|-------------------------------|--------------------------------------|
| Acute toxicity - Ingestion    | Calculation method : Not classified. |
| Acute toxicity - Skin Contact | Calculation method : Not classified. |
| Acute toxicity - Inhalation   | Calculation method : Not classified. |
| Skin corrosion/irritation     | Calculation method : Not classified. |
| Serious eye damage/irritation | Calculation method : Not classified. |

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Skin sensitization data  
Respiratory sensitization data  
Germ cell mutagenicity  
Carcinogenicity  
Reproductive toxicity  
Lactation  
STOT - single exposure  
STOT - repeated exposure  
Aspiration hazard

Calculation method : Not classified.  
Calculation method : Not classified.  
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Calculation method : Not classified.  
Calculation method : Not classified.  
Calculation method : Not classified.  
Calculation method : Not classified.  
Calculation method : Not classified.

**11.2 Information on other hazards**

Not known.

**SECTION 12: ECOLOGICAL INFORMATION****12.1 Toxicity**

|                                    |                                |
|------------------------------------|--------------------------------|
| Toxicity - Aquatic invertebrates   | Low toxicity to invertebrates. |
| Toxicity - Fish                    | Low toxicity to fish.          |
| Toxicity - Algae                   | Low toxicity to algae.         |
| Toxicity - Sediment Compartment    | Not classified.                |
| Toxicity - Terrestrial Compartment | Not classified.                |

**12.2 Persistence and degradability**

Not known.

**12.3 Bioaccumulative potential**

Not known.

**12.4 Mobility in soil**

Not known.

**12.5 Results of PBT and vPvB assessment**

Not known.

**12.6 Endocrine disrupting properties**

None known.

**12.7 Other adverse effects**

Not known.

**SECTION 13: DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods**

Dispose of contents/container in accordance with local, regional or national regulation.

**13.2 Additional Information**

No special precautions are required for this product.

**SECTION 14: TRANSPORT INFORMATION****14.1 UN number or ID number**

UN No. Not applicable

**14.2 UN proper shipping name**

UN proper shipping name Not applicable

**14.3 Transport hazard class(es)**

Transport hazard class(es) Not applicable

**14.4 Packing group**

Packing group Not applicable

**14.5 Environmental hazards**

Environmental hazards Not classified as a Marine Pollutant.

**14.6 Special precautions for user**

Special precautions for user Not known.

**14.7 Maritime transport in bulk according to IMO instruments**

No information available

**SECTION 15: REGULATORY INFORMATION****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

European Regulations - Authorisations and/or Restrictions On Use

Candidate List of Substances of Very Not listed

High Concern for Authorisation

REACH: ANNEX XIV list of substances Not listed

subject to authorisation

REACH: Annex XVII Restrictions on the

manufacture, placing on the market and

use of certain dangerous substances,

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mixtures and articles

Community Rolling Action Plan (CoRAP) Not listed

Regulation (EU) N° 2019/1021 of the Not listed

European Parliament and of the Council

on persistent organic pollutants

Regulation (EC) N° 1005/2009 on Not listed

substances that deplete the ozone layer

Regulation (EU) N° 649/2012 of the Not listed

European Parliament and of the Council

concerning the export and import of

hazardous chemicals

**National regulations**

Other

Not known.

**15.2 Chemical Safety Assessment**

A REACH chemical safety assessment has not been carried out.

**SECTION 16: OTHER INFORMATION**

The following sections contain revisions or new statements:

**LEGEND**

Hazard Pictogram(s)

None

Precautionary Statement(s)

None

Acronyms

ATE : Acute Toxicity Estimate

CAS : Chemical Abstracts Service

CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures

DNEL : Derived No Effect Level

EC : European Community

EINECS : European Inventory of Existing Commercial Chemical Substances

LTEL : Long term exposure limit

PBT : Persistent, Bioaccumulative and Toxic

PNEC : Predicted No Effect Concentration

REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals

STEL : Short term exposure limit

STOT : Specific Target Organ Toxicity

vPvB : very Persistent and very Bioaccumulative

Key literature references and sources for Regulation (EC) No. 1272/2008 (CLP)

data used to compile the SDS

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