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# Certificado de Analisis

## SQUALAN

OLIVE SQUALENE

**Batch number:** ES-0925VS03

**Cad.:** 09/2027

|                             | SPECIFICATIONS  | RESULTS  |
|-----------------------------|-----------------|----------|
| Aspect                      | Clear liquid    | Conforms |
| Color                       | Colorless       | Conforms |
| Odor                        | Odorless        | Conforms |
| Specific gravity, 20°C      | 0.810 - 0.825   | 0.823    |
| Refractive index, 20°C      | 1.4520 - 1.4580 | 1.4571   |
| Acid value                  | 0.5 max.        | 0.0      |
| Iodine value                | 4.0 max         | 1.6      |
| Saponification value        | 3.0 max         | 0.0      |
| Assay Squalane (GC, area %) | ≥92%            | 94%      |

This document is automatically generated and valid without signature. The information is given to the best of our knowledge at this time.

It is the ultimate responsibility of our customer to ensure the safety of the final product containing this material by further testing if need be.

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Squalane

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

##### 1.1. Product identifier

Squalane

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

###### Use of the substance/mixture

for different applications, cosmetics

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

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##### 1.4. Emergency telephone number: 934 70 65 88 (Sólo disponible en horario de oficina; Lunes-Viernes; 08:00-17:00)

#### SECTION 2: Hazards identification

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

Regulation (EC) No. 1272/2008

This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

##### 2.2. Label elements

##### 2.3. Other hazards

No information available.

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

###### Hazardous components

| CAS No   | Chemical name      |          |  | Quantity |
|----------|--------------------|----------|--|----------|
|          | EC No              | Index No |  |          |
|          | GHS Classification |          |  |          |
| 111-01-3 | Squalane           |          |  | ≤ 100 %  |
|          | 203-825-6          |          |  |          |
|          |                    |          |  |          |

Full text of H and EUH statements: see section 16.

#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

###### General information

If used properly, no special measures are necessary.

###### After inhalation

Provide fresh air.

###### After contact with skin

Wash with plenty of water. Take off contaminated clothing and wash it before reuse.

###### After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

###### After ingestion

Rinse mouth immediately and drink plenty of water.

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

No information available.

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

Treat symptomatically.

#### SECTION 5: Firefighting measures

##### 5.1. Extinguishing media

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#### **Suitable extinguishing media**

Co-ordinate fire-fighting measures to the fire surroundings.

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

Non-flammable.

#### **5.3. Advice for firefighters**

In case of fire: Wear self-contained breathing apparatus.

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

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

Use personal protection equipment.

#### **6.2. Environmental precautions**

No special environmental measures are necessary. Clean contaminated articles and floor according to the environmental legislation.

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

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

#### **6.4. Reference to other sections**

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

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

#### **7.1. Precautions for safe handling**

##### **Advice on safe handling**

No special measures are necessary.

##### **Advice on protection against fire and explosion**

No special fire protection measures are necessary.

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

##### **Requirements for storage rooms and vessels**

Keep container tightly closed.

##### **Hints on joint storage**

No special measures are necessary.

#### **7.3. Specific end use(s)**

for different applications

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

#### **8.1. Control parameters**

##### **Additional advice on limit values**

To date, no national critical limit values exist.

#### **8.2. Exposure controls**



##### **Protective and hygiene measures**

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

##### **Eye/face protection**

Wear eye protection/face protection.

##### **Hand protection**

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

##### **Skin protection**

Wear suitable protective clothing.

##### **Respiratory protection**

In case of inadequate ventilation wear respiratory protection.

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#### SECTION 9: Physical and chemical properties

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

|                 |                |
|-----------------|----------------|
| Physical state: | Liquid         |
| Colour:         | colourless     |
| Odour:          | neutral        |
| pH-Value:       | not determined |

##### Changes in the physical state

|                                          |                |
|------------------------------------------|----------------|
| Melting point:                           | not determined |
| Initial boiling point and boiling range: | >210 °C        |
| Flash point:                             | >200 °C        |

##### Flammability

|                         |                |
|-------------------------|----------------|
| Solid:                  | not applicable |
| Gas:                    | not applicable |
| Lower explosion limits: | not determined |
| Upper explosion limits: | not determined |

##### Auto-ignition temperature

|                            |                |
|----------------------------|----------------|
| Solid:                     | not applicable |
| Gas:                       | not applicable |
| Decomposition temperature: | not determined |

##### Oxidizing properties

|                     |                                                                                                  |
|---------------------|--------------------------------------------------------------------------------------------------|
| Not oxidising.      |                                                                                                  |
| Vapour pressure:    | not determined                                                                                   |
| Density (at 20 °C): | 0,81-0,825 g/cm <sup>3</sup>                                                                     |
| Water solubility:   | The study does not need to be conducted because the substance is known to be insoluble in water. |

##### Solubility in other solvents

|                        |                |
|------------------------|----------------|
| not determined         |                |
| Partition coefficient: | not determined |
| Vapour density:        | not determined |
| Evaporation rate:      | not determined |

##### 9.2. Other information

|                |                |
|----------------|----------------|
| Solid content: | not determined |
|----------------|----------------|

#### SECTION 10: Stability and reactivity

##### 10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

##### 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

##### 10.3. Possibility of hazardous reactions

No known hazardous reactions.

##### 10.4. Conditions to avoid

none

##### 10.5. Incompatible materials

No information available.

##### 10.6. Hazardous decomposition products

No known hazardous decomposition products.

#### SECTION 11: Toxicological information

##### 11.1. Information on toxicological effects

##### Acute toxicity

Based on available data, the classification criteria are not met.

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| CAS No   | Chemical name  |               |         |        |        |
|----------|----------------|---------------|---------|--------|--------|
|          | Exposure route | Dose          | Species | Source | Method |
| 111-01-3 | Squalane       |               |         |        |        |
|          | oral           | LD50<br>mg/kg | >1000   | Rat    |        |

#### Irritation and corrosivity

Based on available data, the classification criteria are not met.

#### Sensitising effects

Based on available data, the classification criteria are not met.

#### Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

#### STOT-single exposure

Based on available data, the classification criteria are not met.

#### STOT-repeated exposure

Based on available data, the classification criteria are not met.

#### Aspiration hazard

Based on available data, the classification criteria are not met.

## SECTION 12: Ecological information

### 12.1. Toxicity

The product is not: Ecotoxic.

| CAS No   | Chemical name       |      |           |           |        |        |
|----------|---------------------|------|-----------|-----------|--------|--------|
|          | Aquatic toxicity    | Dose | [h]   [d] | Species   | Source | Method |
| 111-01-3 | Squalane            |      |           |           |        |        |
|          | Acute fish toxicity | LC50 | >100 mg/l | 96 h fish |        |        |

### 12.2. Persistence and degradability

| CAS No   | Chemical name |       |   |        |
|----------|---------------|-------|---|--------|
|          | Method        | Value | d | Source |
|          | Evaluation    |       |   |        |
| 111-01-3 | Squalane      |       |   |        |
|          |               | >10   |   |        |

### 12.3. Bioaccumulative potential

#### Partition coefficient n-octanol/water

| CAS No   | Chemical name | Log Pow |
|----------|---------------|---------|
| 111-01-3 | Squalane      | 14,63   |

### 12.4. Mobility in soil

The product has not been tested.

### 12.5. Results of PBT and vPvB assessment

The product has not been tested.

### 12.6. Other adverse effects

No information available.

#### Further information

Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Contaminated packaging

Wash with plenty of water. Completely emptied packages can be recycled.

## SECTION 14: Transport information

### 14.6. Special precautions for user

No information available.

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

not applicable

## SECTION 15: Regulatory information



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

##### **EU regulatory information**

Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

##### **National regulatory information**

Water contaminating class (D): awg - generally water contaminating

#### **15.2. Chemical safety assessment**

Chemical safety assessments for substances in this mixture were not carried out.

### **SECTION 16: Other information**

#### **Changes**

This data sheet contains changes from the previous version in section(s): 12.

#### **Abbreviations and acronyms**

ADR: Accord européen sur le transport des marchandises dangereuses par Route  
(European Agreement concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service  
LC50: Lethal concentration, 50%  
LD50: Lethal dose, 50%

#### **Further Information**

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*