

PHYTOSQUALAN OLIVE / PHYTOSQUALAN OLIVE QD GRADE

1. Identification of the substance and of the company

1.1 Product identifier: PHYTOSQUALAN OLIVE / PHYTOSQUALAN OLIVE QD GRADE

1.2 Relevant identified uses of the substance: Base for cosmetic products

1.3 Supplier of the safety data sheet: SOPHIM
Parc de la Cassine
04310 Peyruis – France
Tel: + 33 4 92 33 17 17 (working hours)
Email: quality@sophim.com
1.4 Emergency telephone number ORFILA: + 33 1 45 42 59 59

2. Hazards Identification

2.1 Classification of the substance

Exempted from obligation according to Annex II, No. 9 of Regulation EC No. 987/2008 of the Commission amending Regulation REACH EC No. 1907/2006, Annexes IV and V

Classification according to EC Regulation 1272/2008: Unclassified

Classification according to Directive 67/548/EWG: Unclassified

2.2 Labelling Elements

Disclaimer: None

Identified hazards: No significant effects or known critical hazards

2.3 Other Hazards: No

3. Composition/information on ingredients

Chemical name	:	SQUALANE
EU INCI Name	:	SQUALANE
CTFA INCI Name	:	SQUALANE
CAS NO:	:	111-01-3
EINECS/ELINCS No.	:	203-825-6
Impurities	:	none
Composition	:	100% squalane

4. First Aid

4.1 Description of First Aid measures

Ingestion: Do not induce vomiting unless directed by a physician. Consult a doctor if symptoms appear

Inhalation: breathe fresh air or see a doctor if symptoms appear

Skin contact: **Wash with plenty of soap and water and rinse well. Remove contaminated clothing and footwear**

Eye contact: Wash open eyes thoroughly with running water. Remove the contact lenses. Consult a doctor if irritation symptoms appear

4.2 Most important symptoms and effects, both acute and delayed

Potential serious health effects:

Ingestion: no significant effects or known critical hazards

Inhalation: no significant effects or known critical hazards

Skin contact: no significant effects or known critical hazards

Eye contact: no significant effects or known critical hazards

Signs of overexposure:

Ingestion: no specific information

Inhalation: no specific information

Skin contact: no specific information

Eye contact: no specific information

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

Doctor Notes: no specific information

Specific treatment: no specific treatment



5. Fire Fighting Measures

5.1 Extinguishing media:

Suitable extinguishing product: foam, extinguishing powder, sand, soil, CO₂

Inappropriate Extinguishing Product: Large Jet Water

5.2 Special hazards arising from the substance:

Avoid contact with oxidizing agents.

Combustion products: smoke, CO, CO₂

Acrolein can form at high temperatures

5.3 Advice for firefighters:

In the event of a fire, quickly isolate the scene by evacuating everyone around the incident.

Firefighters must wear appropriate protective equipment and an independent respirator with the entire face in positive pressure mode. Firefighters' clothing, in accordance with the European standard EN 469, will provide a basic level of protection against chemical incidents

6. Accidental release measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures: Same safety measures as with chemicals. Do not touch or walk on split material. Wear appropriate personal protective equipment.

6.2 Environmental Precautions: Avoid the spread of product on roads and pipelines using sand, soil or appropriate materials

6.3 Methods and material for containment and cleaning up: Small Flow: Stop the leak if it is safe. Remove the container from the flow area. Dilute the product with water and mop if the product is soluble in water. Alternatively, or if the product is not soluble in water, absorb with inert dry material and make available qualified garbage collection personnel in an appropriate container.

Large flow: stop the leak if there is no risk. Remove the container from the flow area. Avoid spreading into sewers, waterways, basements or confined areas. Wash the flow in an effluent treatment plant or use non-combustible liquid-binding material (sand, soil, vermiculite or diatom soil) and provide qualified garbage collection personnel in a container according to local regulations

7. Handling and Storage

7.1 Precautions for Safe Handling

General occupational hygiene advice: same precautions as for a chemical. It is forbidden to eat, drink and smoke on the premises where the material is handled, stored and processed. Workers must wash their hands and face before eating, drinking or smoking. Remove contaminated clothing and protective equipment before entering a food service area.

7.2 Conditions for safe storage: Store in the original container away from light in a cool (<25°C), dry, well-ventilated area away from incompatible materials and food and beverages. Keep container tightly closed and sealed until used. Containers that have been opened must be carefully re-sealed and left standing to prevent leaks. Do not store in containers without labels. Use proper containment to avoid environmental contamination

8. Exposure Control/Personal Protection

8.1 Control Parameters

Not applicable

8.2 Exposure controls

Personal Protective Measures:

Hygiene measures: thoroughly wash hands, forearms and face after handling chemicals and before eating, smoking or using the toilet and at the end of the work day.

Eye protection: protective eyewear

Body Protection: Select specialist-approved personal protective equipment for the body based on the task and risks involved before handling the product

Hand protection: Wear waterproof and chemical resistant gloves that conform to the approved standard throughout the time a chemical is handled if a risk assessment indicates this is necessary.

Skin protection: Select appropriate, specialist-approved protective measures for footwear and skin based on the task and risks involved before handling the product

Respiratory System Protection: Use a properly secured respirator in accordance with the approved standard if a risk assessment indicates this is necessary. Selection of respiratory equipment should be based on knowledge or anticipated exposure levels, product hazards and job safety limits.

Recommended equipment: organic steam filter

Control of environmental exposure: check that emissions from ventilation and industrial work equipment comply with the requirements of environmental protection legislation



9. Physical and chemical properties

Physical condition:	Clear liquid
Color:	Colorless
Smell:	Odorless
Melting Point:	-
Flashpoint:	> 200°C
Boiling point:	> 400°C (1013,25 mbar)
Auto-inflammation:	no data
Explosive properties:	none
PH:	No data
Solubility:	water-insoluble
Soluble in non-polar organic solvents and natural oils.	

10. Stability and reactivity

- 10.1 Reactivity:** no specific reactivity test available for this product or its ingredients
10.2 Chemical stability: the product is stable
10.3 Possibility of hazardous reactions: none under normal conditions of use and storage
10.4 Conditions to avoid: no specific information
10.5 Incompatible materials: see section 7. Avoiding contact with oxidizing agents
10.6 Hazardous decomposition product: production of high temperature acrolein. Production of smoke and irritating vapors when heated for decomposition

11. Toxicological information

- 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008:** Non-toxic
Conclusion: not available
Irritation/corrosion: no irritant effect
Awareness: not available
Carcinogenicity: no relevant information available;
Organ-specific toxicity (single exposure): not available;
Organ-specific toxicity (repeated exposure): not available;
Skin sensitization: not available
Acute toxicity: not available
Carcinogenic, Mutagenic or reprotoxic: Not classified

Not classified as a hazardous substance according to the EEC Directives on dangerous substances and preparations.

- 11.2 Information on other hazards:**
 No information available



12. Ecological Information

12.1 Toxicity

Short-term: Not available

Long term: Not available

Microorganisms Not available

Terrestrial plants: Not available

Mammals: Not available

12.2 Persistence and Degradability

Readily biodegradable product

12.3 Bioaccumulative potential

Does not accumulate in organisms

12.4 Mobility in soil

Unavailable

12.5 Results of PBT and vPvB assessment

PBT: no

VPvB: no

12.6 Endocrine disrupting properties:

No information available

12.7 Other adverse effects:

No known significant effects or critical hazard.

13. Disposal Considerations

13.1 Waste Treatment Methods

Product/ Disposal Methods: Significant amounts of product residue waste should not be disposed of in sewers but treated in a suitable effluent treatment plant. Make surplus and non-recyclable materials available to authorized garbage disposal personnel. Disposal of this product, solutions and other by-products must always comply with the requirements of environmental protection, waste disposal legislation and any other requirements of local authorities

Packaging: waste generation should be avoided or minimized where possible. Waste packaging must be recycled. Incineration or landfilling of waste should only be considered when recycling is not feasible

EU disposal code: 13 08 99 oil waste. Waste classification is subject to individual user authority.

Hazardous Waste: No



14. Transport information

- 14.1. **UN number or ID number:** Not Applicable
- 14.2. **UN proper shipping name:** Not applicable
- 14.3. **Transport hazard class(es):** Not applicable
- 14.4. **Packing group:** Not applicable
- 14.5. **Environmental hazards:** Not applicable
- 14.6. **Special precautions for user:** Not applicable
- 14.7. **Maritime transport in bulk according to IMO instruments:** Not applicable

15. Regulatory Information

15.1 Safety, Health and Environmental Regulations/Specific Legislation for the Substance

REACH status: Registered: 01-2120014832-65-0000

15.2 Chemical safety assessment: none

16. Other information

Date of issue: August 28, 2025

Update: Change in trade name and adjustment of physical and chemical data

Replaces version: December 16, 2024

The above information is based on the current state of our knowledge of the product and is intended to be described in terms of health, safety and environmental requirements. This information cannot in any case constitute any guarantee of the specific properties of the product.