



SAFETY DATA SHEET

Olive Squalane

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

- Product Name: **Olive Squalane**
- INCI name: Squalane
- Substance name: 2,6, 10,15,19,23-hexamethyltetracosane
- REACH Registration number:

Registration number
01-2120014832-65-0

- CAS Number: 111-01-3
- EC Number: 203-825-6
- ENCS-MITI Number: 9-1317

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

Identified uses

- Cosmetic ingredient.

Uses advised against

- No data available.

1.3. Details of the supplier of the safety data sheet

- Chemistry Connection
- 253 Sturgis Road
- Conway, AR 72034
- USA

1.4. Emergency telephone number :

Chemtrec: 1-800-424-9300

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

In compliance with EC regulation No. 1272/2008 and its amendments.

- This substance does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.
- This substance does not present a health hazard.
- This substance does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.

- This substance does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.



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- This substance does not present a health hazard.
- This substance does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

2.2. Label elements

In compliance with EC regulation No. 1272/2008 and its amendments.

- No labelling requirements for this substance.

In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.

- No labelling requirements for this substance.

2.3. Other hazards

- No data available.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Composition:

Identification	Name	Classification	%
CAS: 111-01-3 EC:203-825-6 ENCS-MITI: 9-1317 REACH Registration number: 01-2120014832-65-0	2,6,10,15,19,23-HEXAMETHYLTETRACOSANE		92.0000 %

3.2. Mixtures

- No substances fulfil the criteria set forth in annexe II section A of the REACH regulation (EC) n° 1907/2006.

SECTION 4: FIRST AID MEASURES

- As a general rule, in case of doubt or if symptoms persist, always call a doctor.
- NEVER induce swallowing in an unconscious person.

4.1. Description of first aid measures In the event of swallowing:

- Seek medical attention, showing the label.

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

- No data available.

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

- No data available.

SECTION 5: FIREFIGHTING MEASURES

- Non-flammable.

5.1. Extinguishing media

- In the event of fire, use specifically suitable extinguishing agents. Never use water.

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Suitable methods of extinction

- In the event of a fire, use:
 - carbon dioxide (CO₂)
 - dry chemical agents
 - foam

5.2. Special hazards arising from the substance or mixture

- A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.
- Do not breathe in smoke.
- In the event of a fire, the following may be formed:
 - carbon monoxide (CO)
 - carbon dioxide (CO₂)

5.3. Advice for firefighters

- Due to the toxicity of the gas emitted on thermal decomposition of the products, fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

- Consult the safety measures listed under headings 7 and 8.

For fire-fighters

- Fire-fighters will be equipped with suitable personal protective equipment (See section 8).

6.2. Environmental precautions

- Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.
- Prevent any material from entering drains or waterways.

6.3. Methods and material for containment and cleaning up

- Clean preferably with a detergent, do not use solvents.

6.4. Reference to other sections

- No data available.

SECTION 7: HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the substance is handled.

7.1 Precautions for safe handling

- Always wash hands after handling.

Fire prevention:

- Prevent access by unauthorized personnel.

Recommended equipment and procedures:

- For personal protection, see section 8.
- Observe precautions stated on label and also industrial safety regulations
- Never bring water into contact with this substance.

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Prohibited equipment and procedures:

- No smoking, eating or drinking in areas where the substance is used.

7.2. Conditions for safe storage, including any incompatibilities

- No data available.

Packaging

- Always keep in packaging made of an identical material to the original

7.3. Specific end use(s)

- No data available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

No data available.

8.2. Exposure controls

Personal protection measures, such as personal protective equipment

- Use personal protective equipment that is clean and has been properly maintained.
- Store personal protective equipment in a clean place, away from the work area.
- Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

- Eye / face protection

- Avoid contact with eyes.
- Use eye protectors designed to protect against liquid splashes
- Before handling, wear safety goggles in accordance with standard EN166.

- Hand protection

- Wear suitable protective gloves in the event of prolonged or repeated skin contact.

- Body protection

- Work clothing worn by personnel shall be laundered regularly.
- After contact with the product, all parts of the body that have been soiled must be washed.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

General information:

Physical state: fluid liquid

Colour: Colourless

Odour: Odourless.

Empirical formula: $[(CH_3)_2CH(CH_2)_3CH(CH_3)(CH_2)_3CH(CH_3)CH_2CH_2]_2$

Molecular weight: 422.81

Important health, safety and environmental information:

PH of the substance or preparation: not relevant.

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- The pH is impossible to measure or its value is not relevant.

Melting point:	-38°C
Boiling point/boiling	210 °C (1 mbar).
range: Flash-point interval:	PE> 200°C.
Vapo,m pressure:	not relevant.
Density:	< 1
Density:	0.810 - 0.820 (20°C)
Water solubility:	Insoluble.

9.2. Other information

- No data available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

- No data available.

10.2. Chemical stability

- This substance is stable under the recommended handling and storage conditions in section 7.

10.3. Possibility of hazardous reactions

- No data available.

10.4. Conditions to avoid

- Avoid:
 - humidity
- Protect from moisture.

10.5. Incompatible materials

- Keep away from:
- Oxidising agents

10.6. Hazardous decomposition products

- The thermal decomposition may release/form:
 - carbon monoxide (CO)
 - carbon dioxide (CO₂)

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

- Acute Oral Toxicity : LDS0 > 15000 mg/kg

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity Substances

- No aquatic toxicity data available for the substances.

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12.2. Persistence and degradability

- No data available.

12.3. Bioaccumulative potential

- No data available.

12.4. Mobility in soil

- No data available.

12.5. Results of PBT and vPvB assessment

- No data available.

12.6. Other adverse effects

- No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

- Proper waste management of the substance and/or its container must be determined in accordance with Directive 2008/98/EC.

13.1. Waste treatment methods

- Do not pour into drains or waterways.

Waste:

- Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.
- Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.
- Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging:

- Empty container completely. Keep label(s) on container.
- Give to a certified disposal contractor.

SECTION 14: TRANSPORT INFORMATION

- Exempt from transport classification and labelling.
- Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2009 - IMDG 2008 - ICAO/IATA 2009).

SECTION 15: REGULATORY INFORMATION

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

-Particular provisions:

- No data available.

15.2. Chemical safety assessment

- No data available.

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15.3. Chemical inventory list

- EUROPEAN UNION (EC) EINECS/ELINCS CHEMICAL INVENTORY STATUS:
This product is included on the EINECS chemical inventory list.
- EU DIRECTIVE 2002/61/EC AND GERMAN LAW TRGS-614 STATUS, BANNING CERTAIN AMINES PRODUCED BY THE BREAKDOWN OF PARTICULAR AZO DYES
This product can be used in the EU as it does not contain any azo dyes.
- CANADA DSL/NDSL CHEMICAL INVENTORY STATUS:
This product is included on the DSL chemical inventory list.
- JAPAN ENCS-METI CHEMICAL INVENTORY STATUS:
This product is included on the ENCS-MITI chemical inventory list.
- JAPAJ-1 COSMETICS USE STATUS:
This product is listed in JSQI (Japanese Standards of Quasi-drug Ingredients), JCIC (Japanese Cosmetics Ingredients Codex) or JSCI (Japanese Standards of Cosmetics Ingredients).
- CHINA IECSC/EXISTING CHEMICAL SUBSTANCES INVENTORY STATUS:
This product is listed in the Inventory of Existing Chemical Substances in China (IECSC 2010).

SECTION 16: OTHER INFORMATION

- Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.
- It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.
- The information in this safety data sheet must be regarded as a description of the safety requirements relating to the substance and not as a guarantee of the properties thereof.

Abbreviations:

- ADR: European agreement concerning the international carriage of dangerous goods by Road.
- IMDg: International Maritime Dangerous Goods.
- IATA: International Air Transport Association.
- ICAO: International Civil Aviation Organisation
- RID: Regulations concerning the International carriage of Dangerous goods by rail.
- WGK: Wassergefährdungsklasse (Water Hazard Class).