

SAFETY DATA SHEET

**In accordance with Commission Regulation (EC) No 1907/2006
(as amended by Regulation (EU) No 2020/878)
Version n° 008 – July 2024**

Note: The substance Natura-Tec Olive Squalane does not meet the criteria for classification as hazardous in accordance with Regulation (EC) No 1272/2008. It is not persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) as defined in Annex XIII of Regulation (EC) No 1907/2006 (REACH) and is not included in the ECHA candidate list of substances of very high concern. Provision of a Material Safety Data Sheet (MSDS) is thus not mandatory (REACH Art. 31). This Substance Data Sheet (SDS) is a voluntary presentation of certain information that may assist the user in the handling of the substance. This SDS is provided in English.

Section 1- IDENTIFICATION**1.1. Product identification**

Product name: **NATURA-TEC OLIVE SQUALANE**
Product description : Squalane
Description/Chemical name : 2,6,10,15,19,23-Hexamethyltetracosane
INCI name (EU – USA) : Squalane
EC Number: 203-825-6
CAS Number : 111-01-3
REACH registration : 01-2120014832-65-0

1.2. Relevant identified uses of the substance or mixture and uses advised against**1.2.1 Relevant identified uses**

Identified uses: cosmetics industry.

1.2.2 Uses advised against

Uses advised against : none known.

1.3. Details of the supplier of the safety data sheet

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Fax : +33 (0)972 324 004
E mail: info@natura-tec.com

1.4 Emergency telephone number (24h/24h) – Institutional centers

Emergency tel. France (24h/24h) ORFILA: +33(0)145 425 959

Section 2 - HAZARDS IDENTIFICATION

No hazards identified under Regulation (EC) No 1272/2008
No Hazard symbol required according to Regulation (EC) No 1272/2008

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

3.1. Substances

Name, REACH Registration No INCI/EEC	CAS No.	%	Classification according to CLP	Nanoform	Particle Size	M-factors and ATE
2,6,10,15,19,23- Hexamethyltetracosane 01-2120014832-65-0 Squalane	111-01-3	100%	-	Not applicable	Not applicable	Not applicable

3.2. Mixtures

Not applicable

Section 4 - FIRST AID MEASURES

<i>Eye contact</i>	Flush eyes with plenty of water. Seek medical attention if any irritation persists.
<i>Skin contact</i>	Wash with plenty of soap and water.
<i>Ingestion</i>	Not considered dangerous. In high dosage, seek medical attention.

Section 5 - FIRE FIGHTING MEASURES

<i>Suitable extinguishing media:</i>	Dry powder, CO ₂ , foam, sand.
<i>Special risks:</i>	None identified.
<i>Special precautions for fire fighting:</i>	Use self-contained breathing apparatus in conditions of thick smoke. Cool containers at risk with water spray jet.

Section 6 - ACCIDENTAL RELEASE MEASURES

<i>Individual precautions:</i>	Wear protective clothing.
<i>Environmental precautions:</i>	Do not discharge into drains, surface water, ground water. Recuperate the spilled product. Wash with water and detergent. Recuperate all material in a suitable labelled container for disposal.

Section 7 - HANDLING AND STORAGE

<i>Handling:</i>	Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure and removal of material from eyes, skin, and clothing.
<i>Storage:</i>	This material is not hazardous under normal storage conditions; however, material should be stored in a cool dry place in unopened containers. Do not expose containers to source of heat.

Section 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

<i>Skin protection:</i>	Minimize skin contamination by following good industrial hygiene practice. Wearing protective gloves is recommended. Wash thoroughly after handling.
<i>Eye protection:</i>	Use good industrial practice to avoid eye contact.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

<i>Appearance</i>	Clear oil
<i>Color</i>	Colorless

<i>Odor</i>	Odorless
<i>Boiling point</i>	> 150°C (1 mbar)
<i>Flash point</i>	> 200°C
<i>Auto-ignition temperature</i>	> 200°C
<i>Density, 20°C</i>	0,780 – 0,820 g/cm ³
<i>Solubility</i>	Insoluble in water. Soluble in oils and nonpolar organic

Section 10 - STABILITY AND REACTIVITY

<i>Conditions to avoid</i>	No hazardous reactions identified.
<i>Materials to avoid</i>	Strong oxidizing agents.
<i>Hazardous decomposition products</i>	On combustion, toxic vapors such as carbon monoxide may be produced

Section 11 - TOXICOLOGICAL INFORMATION

Acute toxicity:

LDLo (Oral – rat- > 1 000 mg/kg bw) : No mortality and no clinical sign observed

Skin corrosion/irritation:

Skin (Rabbit): No skin irritation.

Serious eye damage/eye irritation:

Eyes (Rabbit): No eye irritation (Draize Test).

Skin sensitization:

Mouse Local Lymph Mode Assay (LLNA): does not cause skin sensitization.

Carcinogenicity:

IARC: No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by the International Agency for Research on Cancer (IARC).

Mutagenecity:

According to OECD Guideline 471 (Bacterial Reverse Mutation Assay): no adverse effect observed (negative).

Section 12 - ECOLOGICAL INFORMATION

<i>Biodegradation</i>	The substance is considered readily biodegradable (OECD 301B: > 60%, 28d)
<i>Bioaccumulation</i>	According to the BCF/BAF methods, the regression based method calculates a BCF of 3 and the Arnot-Gobas method predicts a BCF of 0.89. Therefore these values are consistent and predict that the substance is non-bioaccumulable.
<i>Fish toxicity</i>	No data (water insoluble)
<i>Bacterial toxicity</i>	No data
<i>Endocrine disrupting properties</i>	No data

Section 13 - DISPOSAL CONSIDERATIONS

<i>Product</i>	The disposal should be in accordance with all applicable regulations. Do not discharge into drains, surface and ground water. Do not reject waters of wash in the natural environment or the sewers.
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Section 14 - TRANSPORT INFORMATION

General information	Not classified as hazardous transport
Road (ADR), Rail (RID), Inland waterways (ADN), Sea (IMDG/IMSBC), Air (ICAO-TI/IATA-DGR)	
14.1. UN number	
<i>Transport</i>	<i>Not applicable</i>
14.2. UN proper shipping name	
14.3. Transport hazard class(es)	
<i>Hazard identification number</i>	<i>Not applicable</i>
<i>Class</i>	<i>Not applicable</i>
<i>Classification code</i>	<i>Not applicable</i>
14.4. Packing group	
<i>Packing group</i>	<i>Not applicable</i>
<i>Labels</i>	<i>Not applicable</i>
14.5. Environmental hazards	
<i>Environmentally hazardous substance mark no</i>	<i>Not applicable</i>
14.6. Special precautions for user	
<i>Special provisions</i>	<i>Not applicable</i>
<i>Limited quantities</i>	<i>Not applicable</i>
14.7. Maritime transport in bulk according to IMO instruments	
<i>Annex II of MARPOL 73/78</i>	<i>Not applicable</i>

Section 15 - REGULATORY INFORMATION

Classification and labelling according to EC 1272/2008

No classification	
Pictogram	none
H phrase (Hazard)	none
P phrase (Precautionary)	none

Section 16 - OTHER INFORMATION

No classification or hazards labelling under regulation 1907/2006 (REACH) and EU Regulation 2015/830 and classification according to EC Regulation 1272/2008 (CLP).

<i>Creation date :</i>	October 2012; Version n° 001
<i>Revision date :</i>	November 2014; Version n°002
<i>Revision date :</i>	August 2017; Version n°003 – in accordance with EC-Regulation 1907/2006 (REACH) and EU Regulation 2015/830
<i>Revision date :</i>	June 2020 ; Version n°004 ; IATA
<i>Revision date :</i>	September 2021 ; Version n°005, IATA 62 edition
<i>Revision date :</i>	September 2022; Version n°006
<i>Revision date :</i>	December 2022; Version n°007 - amended by Regulation (EU) No 2020/878
<i>Revision date :</i>	July 2024; Version n°008

This Substance Data Sheet (SDS) has been drawn up in accordance with the provisions of Regulation (EC)No 1907/2006 (Annex II, as amended by Regulation (EU) 2015/830), regarding provisions for safety data sheets, for the sole sake of clarity and schematization. This SDS cancels and replaces any previous revision.

This document completes the product technical data sheet but does not replace it. The information contained in this notice is based on current knowledge and relates to the product in the state in which it is delivered. It is intended to describe the product from the point of view of safety requirements and does not guarantee any particular property or use.

The user takes full responsibility for the use of the product and it is his further responsibility to ensure that the product is employed in complete conformity with all relevant regulations.