



NHR ORGANIC OILS
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Safety Data Sheet






Organic Eucalyptus Staigeriana Essential Oil

(*Eucalyptus staigeriana*)

01. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING

1.1 Product Identifier					
Product Name		Organic Eucalyptus Oil Staigeriana			
Biological Definition		Eucalyptus Staigeriana Branch/Leaf Oil is the volatile oil derived from the branches and leaves of Eucalyptus staigeriana.			
INCI Name		Eucalyptus Staigeriana Branch/Leaf Oil			
Synonyms & Trade Names					
CAS-No	1627700-32-6	EC No.	N/A	EINECS No.	N/A
1.2 Relative identified uses of the substance or mixture and uses advised against					
Suitable for use in cosmetics, fragrances and professional applications only.					
1.3 Details of the supplier of the safety data sheet					
NHR Organic Oils, 24 Chatham Place, Brighton, East Sussex, BN1 3TN, UK					
1.4 Emergency Tel. No.		+ 44 (0) 1273 746 505			

02. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture					
The full text for all Hazard Statements is Displayed in Section 16.					
Classification (EC 1272/2008)					
Physical hazards:		Flam. Liq. 3 - H226			
Health hazards:		Asp. Tox. 1 - H304, Skin Irrit. 2 - H315, Skin Sens. 1B - H317, Eye Dam. 1 - H318			
Environmental hazards:		Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410			
2.2 Label Elements					
Label in accordance with (EC) No 1272/2008					
GHS02	GHS05	GHS08	GHS07	GHS09	
					
Signal Word		Danger			
Contains		Geraniol, γ-terpinene			
Hazard Statements					
H226: Flammable liquid and vapour. H304: May be fatal if swallowed and enters airways. H315: Causes skin irritation.					

H317: May cause an allergic skin reaction.
 H318: Causes serious eye damage.
 H410: Very toxic to aquatic life with long lasting effects.

Precautionary Statements

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
 P261: Avoid breathing vapours/spray.
 P264: Wash your hands thoroughly after handling.
 P273: Avoid release to the environment.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.
 P301+P310: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
 P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P305+P351+P338: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
 P331 Do NOT induce vomiting.
 P333+P313: If skin irritation or a rash occurs: Get medical advice/attention.
 P370+P378 In case of fire: Use Dry chemical, Carbon Dioxide, Foam to extinguish.
 P391: Collect spillage.
 P403+P235: Store in a well ventilated place. Keep cool.
 P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

Supplementary Precautionary Statements

P362: Take off contaminated clothing and wash before reuse.

2.3 Other Hazards

PBT or vPvB according to Annex XIII	No additional data available.
Adverse physio-chemical properties	No additional data available.
Adverse effects on human health	No additional data available.

03. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

≤ 28.75 % Limonene

CAS No: 5989-27-5 EC No: 227-813-5

Classification (EC 1272/2008) Flam. Liq. 3 - H226, Asp. Tox. 1 - H304, Skin Irrit. 2 - H315, Skin Sens. 1 - H317, Aquatic 1 – H400 Acute 1, Aquatic Chronic 1 - H410

≤ 28.53% Citral

CAS No: 5392-40-5 EC No: 226-394-6

Classification (EC 1272/2008) Skin irrit 2 - H315, Skin sens 1 - H317, Eye Irrit. 2 - H319

6.9 - 9.67% Terpinolene

CAS No: 586-62-9 EC No: 209-578-0

Classification (EC 1272/2008) Asp. Tox. 1- H304, Skin Sens. 1B - H317, Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410

≤ 6.43% Geraniol

CAS No: 106-24-1 EC No: 203-377-1

Classification (EC 1272/2008) Skin Irrit. 2 - H315, Skin Sens.1 - H317, Eye Dam. 1 - H318

<p>2.38 - 3.55% Geranyl Acetate CAS No: 105-87-3 EC No: 203-341-5 Classification (EC 1272/2008) Skin Irrit. 2 - H315, Skin Sens. 1- H317, Aquatic Chronic 3 - H412</p>
<p>≤ 2.5% γ-Terpinene CAS: 99-85-4 EC No: 202-794-6 Classification (EC 1272/2008), Danger, Flam. Liq. 3, H226, Asp. Tox. 1, H304</p>
<p>2.53 - 3.1% alpha-Pinene CAS No: 80-56-8 EC No: 201-291-9 Classification (EC 1272/2008) Flam. Liq. 3 - H226, Acute Tox. 4 - H302, Asp. Tox. 1 -H304, Skin Irrit. 2 H315, Skin Sens.1 - H317, Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410</p>
<p>1.82 - 2.02% 1,8 Cineol CAS No: 470-67-7 EC No: 207-428-9 Classification (EC 1272/2008) Flam. Liq. 3 - H226, Skin Sens. 1B - H317</p>
<p>≤ 1.66% Linalool CAS No: 78-70- EC No: 201-134-4 Classification (EC 1272/2008) Skin Irrit. 2 - H315, Skin Sens. 1B - H317, Eye Irrit. 2 - H319</p>

04. FIRST AID MEASURES

4.1 Description of first aid measures	
Inhalation	Avoid excessive inhalation of fumes. Remove to fresh air and seek medical advice if needed.
Ingestion	Rinse the mouth with clean water. Do not induce vomiting. Administer water or milk to dilute (if swallowed). Seek medical advice or call a poison control centre.
Skin Contact	Remove contaminated clothing. Wash with soap and flush with plenty water for 10 minutes. Seek medical advice if irritation persists.
Eye Contact	Flush with plenty of water or eye solution for 15 minutes. Seek medical attention if irritation persists.
4.2 Most important symptoms and effects, both acute and delayed	
No additional data available.	
4.3 Indication of any immediate medical attention and special treatment needed	
No additional data available.	

05. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media	
Extinguishing media:	Use any means suitable for extinguishing surrounding fire. Dry chemical, Carbon Dioxide, Foam.
Unsuitable Extinguishing media:	Water. (except to cool containers)
5.2 Special hazards arising from the product	
Fire hazard when exposed to heat or flame. Not considered to be an explosion hazard.	

5.3 Advice for firefighters

Do not inhale vapours. In the event of a fire, wear full protective clothing (Standard DIN EN 13034) and NIOSH-approved self-contained breathing apparatus (Standard DIN EN 138) with full face piece operated in the pressure demand or other positive pressure mode.

06. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid ingestion. Avoid all flammable sources. Wear eye protection, gloves and aprons. Ventilate area well.

6.2 Environmental Precautions

Eliminate all sources of ignition. Ventilate area. Avoid direct discharges within the natural environment. Prevent liquid from entering sewers or drains. Prevent further spillage if safe.

6.3 Methods and material for containment and cleaning up.

Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled container for disposal. Clean spillage area thoroughly with soap and plenty of water.

6.4 Reference to other sections

No additional data available.

07. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid spilling. Follow good industrial practice in housekeeping and personal hygiene. Avoid prolonged contact with skin and eyes. Wear eye protection, aprons and gloves. Ensure adequate ventilation of the working area. Adopt best manual handling considerations when handling, carrying and dispensing. Keep away from heat, sparks and open flame.

7.2 Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place. Store under nitrogen if possible. Do not exceed temperatures of 35°C. Protect from light. Keep in original container.
Incompatible container material: plastic.
Empty containers may be hazardous as they contain product residue. Observe all warnings and precautions listed.

7.3 Specific end use(s)


No additional data available.

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

No additional data available.

8.2 Exposure controls

Protective Equipment	
	
Process Conditions	No additional data available.
Engineering Measures	Provide adequate ventilation. Dilution ventilation is generally suitable, although if discomfort occurs, a local exhaust system should be used.
Respiratory Equipment	Follow the OSHA respirator regulations found in 29CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary. Warning: air purifying respirators do not protect workers in oxygen-deficient atmospheres.
Hand Protection	Chemical resistant gloves required for prolonged or repeated contact.
Eye Protection	Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.
Other Protection	Wear appropriate clothing to prevent any possibility of skin contact.
Hygiene Measures	No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals. Do not store, use, and/or consume foods, beverages, tobacco products, in areas where this material is stored,
Personal Protection	Wear imperious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate to prevent skin contact.
Skin Protection	Wear appropriate protective clothing to minimize contact with skin.
Environmental Exposure Controls	No additional data available.

09. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties	
Appearance	Liquid, pale yellow to green-yellow.
Colour	Pale yellow to green-yellow.
Odour	Characteristic.
Relative Density	Approx. 0.895 @ 20°C
Flash Point (°C)	+55.0
Refractive Index	Approx. 1.477 @ 20°C
Melting Point (°C)	No additional data available.
Boiling Point (°C)	No additional data available.
Vapour Pressure	No additional data available.
Solubility in Water @20°C	Insoluble in water.
Auto-ignition temperature (°C)	No additional data available.
9.2 Other information	

No additional data available.

10. STABILITY AND REACTIVITY

10.1 Reactivity

Will not undergo exothermic polymerization. Can trigger a fire.

10.2 Chemical stability

This material is stable under normal conditions of use and storage. Avoid strong light and heat sources.

10.3 Possible hazardous reactions

Can trigger a fire.

10.4 Conditions to Avoid

Avoid contact with heat, sparks and open flames.

10.5 Incompatible materials

No additional data available.

10.6 Hazardous Decomposition Products

Does not decompose under proper usage conditions.

11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute Toxicity	Not classified.
Skin corrosion / irritation	Causes skin irritation.
Serious eye damage / irritation	Causes serious eye damage.
Respiratory or skin sensitisation	May cause an allergic skin reaction.
Germ Cell Mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive toxicity	Not classified.
STOT-single exposure	Not classified.
STOT-repeated exposure	Not classified.
Aspiration hazard	May be fatal if swallowed and enters airways.
Photo-toxicity	No additional data available.
Other Information	No additional data available.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Very toxic to aquatic life with long lasting effects.

12.2 Persistence & degradability

No additional data available.

12.3 Bioaccumulation Potential

No additional data available.

12.4 Mobility in soil

No additional data available.

12.5 Results of PBT and vPvB Assessment

No additional data available.

12.6 Other adverse effects

Avoid discharge into the environment (soil and water).

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose of in compliance with all local and national regulations. Reuse and recycle product where possible.
Do not re-use empty containers.

14. TRANSPORT INFORMATION

14.1 UN number

UN No. Road	1169
UN No. SEA	1169
UN No. AIR	1169

14.2 UN proper shipping name

EXTRACTS, AROMATIC, LIQUID

14.3 Transport hazard class(es)

ADR/RID/ADN Class: 3
IMDG Class 3
ICAO Class/Division 3

Transport Labels



14.4 Packing group

ADR/RID/ADN Packing group	III
IMDG Packing group	III
ICAO Packing group	III

14.5 Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant



14.6 Special precautions for user

Tariff code: 33012941
Tunnel Restriction Code – D/E

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code

Packed and transferred according to transport regulations.

15. REGULATORY INFORMATION

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

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Guidance Notes

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

EU Legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

15.2 Chemical safety assessment

No additional information available.

16. OTHER INFORMATION

Hazard and/or Precautionary Statements in Full	H226: Flammable liquid and vapour. H302: Harmful if swallowed. H304: May be fatal if swallowed and enters airways. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H318: Causes serious eye damage. H319: Causes serious eye irritation. H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects. H412: Harmful to aquatic life with long lasting effects.
Other Information	None.
Revision Date	25/02/2020
Reason for revision	New Document
Rev No/Repl, SDS Generated	1

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