



THE OIL FAMILY

## Material Safety Data Sheet

EU Regulation: 2020/878

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

<b>1.1 Product Identification</b>					
<b>Product Name</b>	PALO SANTO, ESSENTIAL OIL				
<b>Biological Definition</b>	BULNESIA SARMIENTOI WOOD OIL IS THE VOLATILE OIL OBTAINED FROM THE WOOD OF BULNESIA SARMIENTOI.				
<b>INCI Name</b>	BULNESIA SARMIENTOI WOOD OIL				
<b>Synonyms &amp; Trade Names</b>	N/A.				
<b>Internal Product Code</b>	K0834				
<b>CAS-No</b>	NOT LISTED.	<b>EC No.</b>	NOT LISTED.	<b>EINECS No.</b>	NOT LISTED.
<b>1.2 Details of the supplier of the safety data sheet</b>					
<b>Company Address</b>	O&3 Unit 2, Athelstan Business Park, Hanwell Lane, Hutton Conyers, Ripon, HG4 5BF, England.				
<b>Email</b>	technicalcrew@Oand3.com				
<b>1.3 Details of the supplier of the safety data sheet</b>					
<b>Emergency Contacts</b>	(07968 200167)				

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SECTION 2: Hazards Identification	
<b>2.1</b> Classification of the substance or mixture	
<b>Classification (67/548/EEC)</b>	This product is not dangerous according to REACH Regulation 2020/878.
<b>Classification (EU 1272/2008)</b>	This product does not belong to any list of substances supposedly hazardous to human or animal health according to EU Regulation 1272/2008 & any further amendments, nor to those having recognized exposition limits. Care should be taken when handling hot oil as it may constitute a burn hazard. Spills can constitute a slippage hazard.
<b>2.2</b> Label Elements	
<b>GHS Label</b>	None.
<b>Signal Word</b>	None.
<b>Contains</b>	None.
<b>Hazards Statement</b>	EUH208: Contains: d-Limonene, Isoeugenol. May produce an allergic reaction
<b>Signal Word</b>	None.
<b>Precautionary Statements</b>	None.
<b>Supplementary Precautionary Statements</b>	None.
Section 16 (Other Information): Risk & Safety phrases in full.	
<b>2.3</b> Other Hazards	
<b>Adverse physio-chemical properties</b>	None.
<b>Adverse effects on human health</b>	None.
<b>SECTION 3: Composition of Ingredients</b>	
<b>3.1</b> Substances	<b>&lt; 5.5% Beta eudesmol</b> CAS No: 473-15-4 EC No: 610-334-4 Classification (EC 1272/2008): Skin Irrit. 2 - H315, Eye Irrit. 2 H319
	<b>&lt; 0.25% Isoeugenol</b> CAS: 97-54-1 EC: 202-590-7 Classification (EC 1272/2008): Acute Tox. 4 - H302, Acute Tox. 4 - H312, Skin Irrit. 2 - H315, Skin Sens. 1- H317, Eye Irrit. 2 H319
	<b>&lt; 0.2% d-Limonene</b> 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 Acute 1- H400, Aquatic Chronic 1- H410
	<b>&lt; 0.1% Furfural</b> CAS No: 98-01-1 EC No: 202-627-7 Classification (EC 1272/2008): Acute Tox. 3 H301, Acute Tox. 4 H312, Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, Acute Tox. 3 - H331, STOT SE 3 - H335, Carc. 2 - H351
<b>3.2</b> Mixtures	Not Applicable.



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<b>SECTION 4: First Aid Measures</b>	
<b>4.1</b> Description of First Aid Measures	
<b>General Information</b>	Always remove contaminated clothing immediately.
<b>Inhalation</b>	Remove affected person to fresh air. Seek medical advice/attention if any discomfort is felt.
<b>Ingestion</b>	Rinse mouth with water. Do not induce vomiting. Drink plenty of water. Seek medical advice/attention if discomfort occurs.
<b>Skin Contact</b>	In general product is not skin irritating. Remove contaminated clothing. Wash skin with soap and water. Seek medical advice/attention if any discomfort is felt.
<b>Eye Contact</b>	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Seek medical advice/attention if any irritation continues.
<b>4.2</b> Most important symptoms & effects (Acute & Delayed)	No additional data available.
<b>4.3</b> Indication of any immediate medical attention or special treatment required	No additional data available.

<b>SECTION 5: Fire Fighting Measures</b>	
<b>5.1</b> Extinguishing material	Foam, Co2, Dry Chemical Powder.
<b>5.2</b> Special hazards arising from the substance Or mixture	This product may only form ignitable mixtures or burn above the flash point. Dangerous combustion products include smoke & oxides of carbon.
<b>5.3</b> Advice for fire-fighters	In case of fire in the surrounding area, follow the recommendations below: Closed containers may build up pressure at elevated temperatures. Avoid inhalation of fumes or vapours. Use appropriate respiratory protection. Prevent run-off from fire fighting to enter drains or water courses.

<b>SECTION 6: Accidental Release Measures</b>	
<b>6.1</b> Personal precautions	Wear appropriate gloves to prevent skin exposure. Avoid contact with skin and inhalation of its vapours or smoke. Maintain adequate ventilation in the working area after spilling.
<b>6.2</b> Environmental precautions	Prevent any material from entering drains or waterways.
<b>6.3</b> Methods & material for containment and cleaning up	Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash). Ventilate area and wash spill site after material pickup is complete. Dispose of in accordance with current laws and regulations.
<b>6.4</b> References to other sections	Refer & consider section 8. Refer & consider section 13.

<b>SECTION 7: Handling &amp; Storage</b>	
<b>7.1</b> Precautions for safe-handling	Handle in accordance with good hygiene and safety practice. Keep containers sealed when not in use. Prevent spills & leaks to avoid slip hazard. Always wear personal protective clothing (refer to section 8). Do not eat, drink, sniff or smoke whilst handling this product. Provide suitable mechanical equipment for the safe handling of drums & heavy packages.
<b>7.2</b> Conditions for safe storage, including any incompatibilities	Keep the product container tightly closed, in a dry, ventilated area (at temperatures <20°C). Keep away from potential sources of ignition and protected from light. Maintain limited contact with oxygen.
<b>7.3</b> Specific end use(s)	No additional data available.

<b>SECTION 8: Exposure Controls &amp;</b>	
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Personal Protection	
8.1 Control Parameters	Occupational Exposure Limits Substance    CAS No    LTEL (8 hr TWA ppm)    LTEL (8 hr TWA mg/m <sup>3</sup> )    STEL (ppm)    STEL(mg/m <sup>3</sup> )    Note Furfural        98-01-1                    2                    8                    5                    20                    *
	Source - United Kingdom Workplace Exposure Limits (WEL) * Can be absorbed through the skin.
8.2 Exposure Controls	
Protective Equipment	
	
Eye Protection	Wear goggles to avoid contact with eyes.
Hand Protection	Wear gloves to avoid skin contact.
Respiratory Equipment	Not necessary with adequate general ventilation.
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils. 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.
Other Protection	Provide eyewash station, provide adequate ventilation, use personal protection equipment according to Directive 89/686/EEC.
SECTION 9: Physical & Chemical Properties	
9.1 Physical & Chemical Properties	
Appearance	CLEAR LIQUID
Colour	PALE YELLOW – AMBER.
Odour	CHARACTERISTIC
Relative Density	APPROX. 0.968 @ 20°C
Flash Point (°C)	>100°C.
Refractive Index	APPROX. 1.498 @ 20°C
Melting Point (°C)	40-50°C
Vapour Pressure	NO DATA.
9.2 Other Information	NO DATA.
9.2.1 INFORMATION WITH REGARD TO PHYSICAL HAZARD CLASSES	NO DATA.
9.2.2 OTHER SAFETY CHARACTERISTICS	NO DATA.
SECTION 10: Stability & Reactivity	
10.1 Reactivity	Stable under the recommended handling and storage conditions in section 7.
10.2 Chemical stability	Stable under suggested storage conditions (<20°C). Stable under the recommended handling and storage conditions in section 7.

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<b>10.3</b> Possibility of hazardous reactions	Does not undergo any dangerous reactions under normal conditions.
<b>10.4</b> Conditions to avoid	Storage at high temperatures. Do not store above 20°C.
<b>10.5</b> Incompatible materials	Concentrated acids, alkalis & oxidising agents.
<b>10.6</b> Hazardous decomposition products	This product does not decompose under normal conditions. Under fire conditions the product will produce a mixture of irritating fumes & smoke. Carbon monoxide and other unidentified organic compounds may be formed upon combustion.

## SECTION 11: Toxicological Information

<b>11.1</b> Toxicological effects	
<b>Acute Toxicity</b>	This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
<b>Skin irritation</b>	This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
<b>Eye damage or irritation</b>	This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
<b>Respiratory or skin sensitivity</b>	This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
<b>Germ cell mutagenicity</b>	This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
<b>Carcinogenicity</b>	This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
<b>Reproductive toxicity</b>	This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
<b>STOT – single exposure</b>	This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
<b>STOT – repeated exposure</b>	This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
<b>Aspiration hazard</b>	This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
<b>11.2</b> INFORMATION ON OTHER HAZARDS	Not Applicable.

## SECTION 12: Ecological Information

<b>12.1</b> Toxicity	Not classified
<b>12.2</b> Persistence & degradability	No data
<b>12.3</b> Bio- accumulative potential	No data
<b>12.4</b> Mobility in soil	No data
<b>12.5</b> Results of PBT & VPVB assessment	No data
<b>12.6</b>	DO NOT ALLOW PRODUCT TO ENTER STREAMS, SEWERS OR OTHER WATERWAYS.

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<b>OTHER ADVERSE EFFECTS</b>	
<b>12.7</b>	
<b>OTHER ADVERSE EFFECTS</b>	NO DATA.
<b>SECTION 13: Disposal Information</b>	
<b>13.1</b> <b>Waste treatment methods</b>	<p><b>Container disposal:</b> Containers must be disposed of as hazardous waste. Do not reuse empty containers. Dilute the remaining material and neutralise. Empty residue into a suitable disposal site.</p> <p><b>Disposal conditions:</b> Dispose of in accordance with all state and local environmental regulations. This material and its container must be disposed of in a safe way.</p>

<b>SECTION 14: Transport Information</b>	
<b>14.1</b> <b>Transport Information</b>	
<b>Warning icon</b>	Not Applicable.
<b>Shipping Name</b>	Not Applicable.
<b>UN Number (Road)</b>	Not Applicable.
<b>ADR Class</b>	Not Applicable.
<b>Hazard Number (ADR)</b>	Not Applicable.
<b>Hazchem Code</b>	Not Applicable.
<b>UN Number (Sea)</b>	Not Applicable.
<b>IMDG Class</b>	Not Applicable.
<b>IMDG Pack GR.</b>	Not Applicable.
<b>EMS</b>	Not Applicable.
<b>UN Number (Air)</b>	Not Applicable.
<b>Air Class</b>	Not Applicable.
<b>Air Pack GR.</b>	Not Applicable.
<b>Maritime transport in bulk according to IMO instruments</b>	Not Applicable

<b>SECTION 15: Regulatory Information</b>	
<b>15.1</b> <b>Product specific safety, health &amp; environmental regulations &amp; legislation</b>	
<b>EU Directives</b>	<p>Statutory Instruments The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).</p> <p>Guidance Notes Workplace Exposure Limits EH40. CHIP for everyone HSG(108).</p> <p>EU Legislation Regulation (EC) No 2020/878 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.</p>

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<b>15.2</b> <b>Chemical Safety Assessment</b>	No Data.
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## SECTION 16: Other Information

<b>Allergens:</b>	None.
<b>Training Instructions: Refer to possible hazard before use of this product.</b>	
<b>Abbreviations &amp; Acronyms:</b>	
<b>MSDS</b>	Material Safety Data Sheet.
<b>INCI</b>	International Nomenclature of Cosmetic Ingredients.
<b>CAS</b>	Chemical Abstract Service.
<b>IMDG</b>	International Maritime code for Dangerous Goods.
<b>ADR</b>	Accord European sur le transport des marchandises Dangereuses par Route (European Agreement concerning the international Carriage of Dangerous goods by Road).
<b>RID</b>	International Carriage of Dangerous Goods by Rail.
<b>ICAO</b>	International Civil Aviation Organization.
<b>ADN</b>	International Carriage of Dangerous Goods by Inland Waterways.
<b>GHS</b>	Globally Harmonized System of classification & labelling of chemicals.
<b>Trem Card</b>	Transport Emergency Card.
<b>STOT</b>	Specific Target Organ Toxicity.

## Documentation Revision

Date	Change Description
10 <sup>th</sup> April 2018	Data Launch
December 2020	Review
January 2023	Review

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