

1 Identification of the Substance/Mixture and of the Company/Undertaking

1.1	Trade Name	PALO SANTO OIL
	INCI Name	BUSERA GRAVEOLENS WOOD OIL
	CAS Number	959130-05-3
	REACH Registration	Exempt <1T PA
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	Manufacturer/Supplier	G. Baldwin & Co. Ltd, 171-173 Walworth Road, London, SE17 1RW TEL: 02077035550 EMAIL: sales@baldwins.co.uk
1.4	Further Information Obtainable from	G. Baldwin & Co. Ltd.

2 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)	Not classified. The total level of hazardous ingredients does not classify the substance as hazardous for supply/use.

2.2 Label Elements:

Label in Accordance with (EC) No. 1272/2008	None.
Signal Word	None.
Contains	-
Hazard Statements	EUH208: Contains d-limonene, Isoeugenol. May produce an allergic reaction.
Precautionary Statements	None.
Supplementary Precautionary Statements	None.

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.

3 Composition/Information on Ingredients

3.1 Substances:

Ingredient	Identity No.	Classification (EC 1272/2008)	Quantity
Beta Eudesmol	CAS: 473-15-4 EC: 610-334-4	Skin Irrit. 2 – H315, Eye Irrit. 2 – H319	<5.5%
Isoeugenol	CAS: 97-54-1 EC: 202-590-7	Acute Tox. 4 – H302, Acute Tox. 4 – H312, Skin Irrit. 2 – H315, Skin Sens. 1 – H317, Eye Irrit. 2 – H319	<0.25%

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d-Limonene	CAS: 5989-27-5 EC: 227-813-5	Flam. Liq. 3 – H226, Asp. Tox. 1 – H304, Skin Irrit. 2 – H315, Skin Sens. 1 – H317, Aquatic Acute 1 – H400, Aquatic Chronic 1 – H410	<0.2%
Furfural	CAS: 98-01-1 EC: 202-627-7	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 – 351	<0.1%

4 First Aid Measures

4.1 Description of First Aid Measures:

Inhalation	Remove affected person to fresh air. Seek medical advice/attention if any discomfort is felt.
Ingestion	Rinse mouth with water. Do not induce vomiting. Drink plenty of water. Seek medical advice/attention if discomfort occurs.
Skin Contact	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.
Eye Contact	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids wide apart. Get medical advice/attention if any irritation continues.
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.

5 Fire-fighting Measures

5.1 Extinguishing Media	Carbon dioxide, dry chemical powder or appropriate foam. For safety reasons do not use full water jet.
5.2 Special Hazards Arising from the Product	No additional data available.
5.3 Advice for Fire-fighters	In case of fire in the surrounding area, follow these recommendations: Closed containers may build up pressure at elevated temperatures. Avoid inhalation of fumes or vapours. Use appropriate respiratory protection. Prevent run-off from the fire fighting to enter drains or water courses.

6 Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures	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.
6.2 Environmental Precautions	Prevent any material from entering drains or waterways.

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6.3	Methods and 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.
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6.4	Reference to Other Sections	See also Sections 8 and 13.
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7 Handling and Storage


7.1	Precautions for Safe	Avoid contact with skin and eyes. Handle in accordance with
7.2	Handling	good industrial hygiene and safety practice.
	Conditions for Safe	Keep the product in its original container well sealed, in a dry Storage, including any and ventilated area, away from potential sources of ignition Incompatibilities and protected from light. Store in accordance with local/national regulations and follow the warnings on the label.
7.3	Specific End Use(s)	No additional data available.

8 Exposure Controls/Personal Protection

8.1 Control Parameters:

Occupational Exposure Limits:						
Substance	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	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	
Process Conditions	Provide eyewash station.
Engineering Measures	Provide adequate ventilation.
Respiratory Equipment	Not necessary with adequate general ventilation.
Hand Protection	Wear gloves to avoid skin contact.
Eye Protection	Wear goggles to avoid contact with eyes.
Other Protection	Use personal protection equipment according to Directive 89/686/EEC.
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.
Personal Protection	Use personal protection according to Directive 89/686/EEC.
Skin Protection	Avoid skin contact. Wear suitable protective clothing.
Environmental Exposure Controls	Avoid discharging into drainage water. Only eliminate by authorised companies.

9 Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties:

Appearance	Clear liquid.
Colour	Pale yellow to amber.
Odour	Characteristic.
Relative Density @ 20°C	0.850 to 0.985

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Flash Point	>100°C
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Refractive Index @ 20°C	1.450 to 1.515
Melting Point	40 to 50°C
Boiling Point (°C)	No additional data available.
Vapour Pressure	No additional data available.
Solubility in Water @ 20°C	No additional data available.
Auto-ignition Temperature (°C)	No additional data available.
Other Information	No additional data available.

10 Stability and Reactivity

10.1 Reactivity	Stable under the recommended handling and storage conditions in Section 7.
10.2 Chemical Stability	Stable under the recommended handling and storage conditions in Section 7.
10.3 Possible Hazardous Reactions	Does not undergo any dangerous reactions under normal conditions.
10.4 Conditions to Avoid	No additional data available.
10.5 Incompatible Materials	Oxidising mineral acids, reducing agents, oxidising agents.
10.6 Hazardous Decomposition Products	Carbon monoxide and other unidentified organic compounds may be formed upon combustion.

11 Toxicological Information

11.1 Information on Toxicological Effects:

Acute Toxicity	This substance does not meet the criteria for classification in accordance with Regulation (EC) No. 1272/2008.
Skin Corrosion/Irritation	This substance does not meet the criteria for classification in accordance with Regulation (EC) No. 1272/2008.
Serious Eye Damage/Irritation	This substance does not meet the criteria for classification in accordance with Regulation (EC) No. 1272/2008.
Respiratory or Skin Sensitisation	This substance does not meet the criteria for classification in accordance with Regulation (EC) No. 1272/2008.
Germ Cell Mutagenicity	This substance does not meet the criteria for classification in accordance with Regulation (EC) No. 1272/2008.
Carcinogenicity	This substance does not meet the criteria for classification in accordance with Regulation (EC) No. 1272/2008.
Reproductive Toxicity	This substance does not meet the criteria for classification in accordance with Regulation (EC) No. 1272/2008.
STOT-single Exposure	This substance does not meet the criteria for classification in accordance with Regulation (EC) No. 1272/2008.
STOT-repeated Exposure	This substance does not meet the criteria for classification in accordance with Regulation (EC) No. 1272/2008.
Aspiration Hazard	This substance does not meet the criteria for classification in accordance with Regulation (EC) No. 1272/2008.
Photo-toxicity	No additional data available.
Other Information	No additional data available.

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12.1 Toxicity		Not classified.	
12.2	Persistence & Biodegradability	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	Do not allow product to enter streams, sewers or other waterways.	
Effects			
13.1 Waste Treatments Methods		Container Disposal	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.
		Disposal Conditions	Dispose of in accordance with all state and local environmental regulations. This material and its container must be disposed of in a safe way.
14 Transport Information			
14.1		UN Number	Not regulated for transport.
14.2	product is not covered by	UN Proper Shipping Name	Not applicable – The international regulations on the transport of dangerous goods. (IMDG, IATA, ADR/RID)
14.3		Transport Hazard Class(es)	Not applicable.
14.4		Packing Group	Not applicable.
14.5	hazardous substance/	Environmental Hazards	Not an environmentally marine pollutant.
14.6		Special Precautions for User	See Section 6 to 8..
14.7		Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.
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).		

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EU Legislation	Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18 th 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
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	and Commission Directives 91/155/EEC, 93/67/EEC, and 93/105/EC and 2000/21/EC, including amendments.
15.2	Chemical Safety Assessment No additional information available.

16 Other Information

WARNING/DISCLAIMER:

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.