


Safety Data Sheet

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

1.1 Product Identifier					
Product Name		1123 Rosenträ indisk / Rosewood Indian oil			
Biological Definition		The volatile oil obtained by the steam distillation chipped wood of <i>Dalbergia Sissoo</i>			
INCI Name		Dalbergia Sissoo Wood Oil (Not an official INCI name)			
Synonyms & Trade Names					
CAS-No	-	EC No.	-	EINECS No.	-
1.2 Relative identified uses of the substance or mixture and uses advised against					
No additional data available.					
1.3 Details of the supplier of the safety data sheet					
Naturkosmetikkompaniet AB, Ullevi Enestorp 3, 59491 Gamleby, Sverige.					
1.4 Emergency Tel. No.		112			

02. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture	
UN-GHS: FL4, AT05 (3200), SCI 2, SS 1, EDI 2A, EH A3,C3 EU-CLP: SCI 2, SS 1, EDI 2. [The Full Text for all Hazard Statements is Displayed in Section 16]. <u>Human health</u> May be fatal if swallowed and enters airways. <u>Environment</u> The product contains a substance which may cause long term adverse effects in the aquatic environment. Hydrocarbon Content: <10%.	
Classification (EC 1272/2008)	
Physical and Chemical Hazards : See above Human health: Skin corrosion/irritation Hazard Category 2 – H315 Skin sensitizer Hazard Category 1 - H317 Eye damage/irritation Category 2A – H319 Environment : Aquatic Chronic 3 – H412	
2.2 Label Elements	
Label in accordance with (EC) No 1272/2008	
 GHS07	

Signal Word	Warning
Contains	Linalool, alpha-terpineol, limonene, pinenes, geraniol, 1,8-cineole, camphor.
Hazard Statements	
<p>H315 Causes skin irritation H317 May cause an allergic skin reaction H319 Can cause serious eye irritation H412 Harmful to aquatic life with long-lasting effects.</p>	
Precautionary Statements	
<p>P262 Do not get in eyes, on skin or on clothing P280 Wear protective gloves/protective clothing/eye protection/face protection. P305/351/338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.</p>	
Supplementary Precautionary Statements	
None	
2.3 Other Hazards	
PBT or vPvB according to Annex XIII	No
Adverse physio-chemical properties	Combustible but will not self-ignite
Adverse effects on human health	Frequent skin contact may lead to irritation or sensitisation

03. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures
<p>90% Linalool CAS No: 78-70-6 EC No: 201-134-4 Classification (EC 1272/2008): ATO 5(3000), EDI 2A, EH A3, SCI 2</p> <p>4% alpha-Terpineol CAS No: 98-55-5 EC No: 202-680-6 Classification (EC 1272/2008): ATO 5(4300); SCI 2; EDI 2A</p> <p>1% Limonene CAS No: 5989-27-5 EC No: 227-813-5 Classification (EC 1272/2008): SCI 2; SS 1; EH A1,C1</p> <p>1% Pinenes CAS No (alpha-Pinene): 80-56-8 EC No: 201-291-9 Classification (EC 1272/2008): ATO 5(3700), SCI 2, SS 1</p> <p>0.5% Geraniol CAS No: 106-24-1 EC No: 303-377-1 Classification (EC 1272/2008): ATO 5(4200); SCI 2; EDI 1; SS 1; EH A2</p> <p>0.4% 1,8-Cineole CAS No: 470-82-5 EC No: 207-431-5 Classification (EC 1272/2008): ATO 5(2500); SCI 3</p> <p>0.4% Camphor CAS No: 76-22-2 EC No: 200-945-0 Classification (EC 1272/2008): ATO 5(4900); ATI 4(1,5m); SCI 3; STO-SE 2; EH A3</p>

04. FIRST AID MEASURES

4.1 Description of first aid measures	
Inhalation	Remove victim immediately from source of exposure. Get medical attention if any discomfort continues.
Ingestion	DO NOT INDUCE VOMITING! Immediately rinse mouth and provide fresh air. Get medical attention.
Skin Contact	Remove contaminated clothing immediately and wash skin with soap and water. Get medical

	attention if any discomfort continues.
Eye Contact	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention immediately. Continue to rinse.
4.2 Most important symptoms and effects, both acute and delayed	
<p>Inhalation: Choking, drowsiness, respiratory disruptions. Ingestion : May cause queasiness and stomach aches Skin contact : May cause irritation and stinging Eye contact : May cause irritation and reddening</p>	
4.3 Indication of any immediate medical attention and special treatment needed	
No additional data available	

5.1 Extinguishing Media	
<p>Extinguishing media: Carbon dioxide (CO2). Powder. Water spray.</p> <p>Unsuitable extinguishing media: Full water jet.</p>	
5.2 Special hazards arising from the product	
Closed containers may build up pressure at elevated temperatures.	
5.3 Advice for firefighters	
<p>Special Fire Fighting Procedures Avoid inhalation of generated fumes or vapours. Use appropriate respiratory equipment. Do not allow spillage into drains or waterways. Protective equipment for fire-fighters Wear full protective clothing.</p>	

06. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures	
Wear protective clothing as described in Section 8 of this safety data sheet. Handle the product using protective gloves resistant to the chemicals exposed. Avoid contact with skin and inhalation of its vapours or smoke. Maintain adequate ventilation in the working area after spilling.	
6.2 Environmental Precautions	
Do not discharge into drains, water courses or onto the ground.	
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). Place in covered containers using non-sparking tools and transport outdoors. Avoid open flames or courses of ignition. Ventilate area and wash spill site after material pickup is complete. Dispose of in accordance with current laws and regulations.	
6.4 Reference to other sections	
Wear protective clothing as described in Section 8 of this safety data sheet.	

07. HANDLING AND STORAGE

7.1 Precautions for safe handling	
Keep away from food, drink and animal feed products. When using do not smoke. Avoid contact with skin and eyes. Handle in accordance with good hygiene and safety practice.	
7.2 Conditions for safe storage, including any incompatibilities	
Keep product in its original container well sealed, in a dry, ventilated area, away from potential sources of	

ignition and protected from light. Stock according to local / national regulations and always follow the precautions indicated on labels.

7.3 Specific end use(s)

No additional data available.

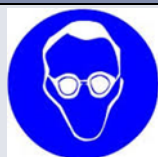
08. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Linalool (CAS: 78-70-6) Ingredient. Comments: Linalool peroxides (in aged product) may cause skin sensitisation reactions. No exposure limits noted for ingredient(s).

8.2 Exposure controls

Protective Equipment



Goggles



Gloves

Process Conditions	Provide eyewash station.
Engineering Measures	Provide adequate ventilation.
Respiratory Equipment	For high concentrations use respiratory equipment.
Hand Protection	Chemical resistant gloves (PVC)
Eye Protection	Wear approved safety goggles.
Other Protection	Wear appropriate clothing to prevent any possibility of skin contact.
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils.
Personal Protection	Use personal protection according to Directive 89/686/EEC.
Skin Protection	Wear apron or protective clothing in case of splashes.
Environmental Exposure Controls	Avoid discharging into drainage water. Only eliminate by authorised companies.

09. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Mobile liquid
Colour	Colourless to pale yellow
Odour	Characteristic, sweet, slightly woody
Relative Density	0.850 to 0.890 @ 20°C
Flash Point (°C)	75 c/c
Refractive Index	1.440 to 1.468 @ 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
Auto-ignition temperature (°C)	No additional data available

9.2 Other information

No additional data available.

10. STABILITY AND REACTIVITY

10.1 Reactivity

No dangerous reactions known.
10.2 Chemical stability
Stable under the recommended handling and storage conditions.
10.3 Possible hazardous reactions
Possible hazardous reactions with strong oxidising agents.
10.4 Conditions to Avoid
Avoid heat, open flames and other ignition sources
10.5 Incompatible materials
Avoid contact with strong acids, strong bases and all oxidising agents
10.6 Hazardous Decomposition Products
Carbon monoxide and unidentified organic compounds may be formed during combustion.

11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects	
Acute Toxicity	Acute oral toxicity LD50 orl-rat was determined as 4.3g/kg). Acute dermal toxicity skn-rbt: >5g/kg (Opdyke 1978 pp 653-654).
Skin corrosion / irritation	Skin corrosion/irritation Hazard Category 2 under EC 1272/2008 guidelines
Serious eye damage / irritation	Eye irritant Hazard Category 2 under EC 1272/2008 guidelines
Respiratory or skin sensitisation	Skin sensitiser Hazard Category 1 under EC 1272/2008 guidelines
Germ Cell Mutagenicity	Not listed as a mutagen
Carcinogenicity	Not listed as a carcinogen
Reproductive toxicity	Not listed as reprotoxic
STOT-single exposure	No data found
STOT-repeated exposure	No data found
Aspiration hazard	Not listed under EC 1272/2008 in this category
Photo-toxicity	Not photo-toxic
Other Information	No additional data available

12. ECOLOGICAL INFORMATION

12.1 Toxicity	
Believed to be low	
12.2 Persistence & degradability	
Believed to be easily biodegradable in water	
12.3 Bioaccumulation Potential	
No data found on bioaccumulation potential	
12.4 Mobility in soil	
No data found	
12.5 Results of PBT and vPvB Assessment	
No data found	
12.6 Other adverse effects	
Do not allow product to enter streams, sewers or other waterways.	

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

General information

Do not re-use empty containers. Empty residue into a suitable disposal site.

Dispose of in compliance with all local and national regulations.

14. TRANSPORT INFORMATION

14.1 UN number

UN No. Road	Not classified
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UN No. SEA	Not classified
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UN No. AIR	Not classified
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14.2 UN proper shipping name

Not dangerous goods. Not classified.

14.3 Transport hazard class(es)

ADR/RID/AND: Not classified

ADR/RID/ADN Class: Not classified

IMDG Class: Not classified

ICAO Class/Division

14.4 Packing group

ADR/RID/ADN Packing group: Not classified

IMDG Packing group: Not classified

ICAO Packing group: Not classified

14.5 Environmental hazards



Environmentally hazardous substance.

14.6 Special precautions for user

EMS: Not applicable

Emergency Action Code: Not classified

Hazard No. (ADR) Not classified

Tunnel Restriction Code (E) Not classified

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

Tariff Number 33012911

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	H315 Causes skin irritation H317 May cause an allergic skin reaction H319 Can cause serious eye irritation H412 Harmful to aquatic life with long-lasting effects. P262 Do not get in eyes, on skin or on clothing P280 Wear protective gloves/protective clothing/eye protection/face protection. P305/351/338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
Other Information	- - -
Revision Date	23.06.2015
Reason for revision	New SDS
Rev No/Repl, SDS Generated	1

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.

Product Specification

Product Name	Rosenträ indisk				
Date	17/06/2015	Product Code	-	Rev	01

Description	Rosewood Oil Indian			
Appearance	Colourless to pale yellow			
Odour	Characteristic – sweet, slightly woody			
INCI Name	Dalbergia Sissoo Wood Oil (not an official INCI Name)			
CAS Number	Not available	EC Number	-	

TEST SPECIFICATION

ANALYTICAL TEST	SPECIFICATION RANGE
Refractive Index @ 20°C	1.440 - 1.468
Specific Gravity @ 20°C (g/ml)	0.850 - 0.890
Optical Rotation (Degrees)	-2.0 to +5.0

STORAGE

Store product in full, tightly closed containers in a cool dry place away from heat and sunlight.

STABILITY

When stored for more than 24 months, quality should be checked before use.

IFRA Conformity Certificate

Product Name	Rosenträ indisk		
INCI Name	Aniba Rosaeodora Wood Oil		
Product Code	-		
Revision No	01	Date	08/10/2015

Hughes and Company hereby certify that the above named material conforms to the IFRA 47 Code of Practise and contains the following restricted components also listed in the 47th Amendment of the IFRA Code of Practise.

Restricted Component	Cas No:	% Level in Product	IFRA Standard
Linalool	78-70-6	>90.0	Specification Std
Limonene	5989-27-5	Trace	Specification Std

Additional Comments

It is the ultimate responsibility of the customer to ensure the safety of the intended final product containing this material, by carrying out additional tests if necessary.

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