


MATERIAL SAFETY DATA SHEET

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

1.1 Product Identifier					
Product Name		Pink Lotus Absolute Oil			
Biological Definition		Pink Lotus Oil is extracted from the blossom of the Nelumbo Nucifera Plant.			
INCI Name		Nelumbo nucifera Extract, Alcohol denat.			
Synonyms & Trade Names		Pink Lotus Oil, Bean of India Oil.			
CAS-No	85085-51-4	EC No.	285-379-2	EINECS No.	285-379-2
1.2 Relative identified uses of the substance or mixture and uses advised against					
Perfumery and/or aromatic uses.					
1.3 Details of the supplier of the safety data sheet					
AE COSMETICS LTD, 69 Bethel Street, Norwich, Norfolk, United Kingdom NR2 1NR					
1.4 Emergency Tel. No.		+44(0)1603 610883			

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 and Chemical Hazards H225: Highly flammable liquid and vapour. Health: H302 Acute Tox. 4; H319; Causes serious eye damage/irritation, category 2 H412 Environment: Aquatic Acute 3, Aquatic Chronic 3 - Harmful to aquatic life with long lasting effects.	
2.2 Label Elements	
Label in accordance with (EC) No 1272/2008	
	
Signal Word	Danger.
Contains	Linalool, Limonene
Hazard Statements	
H225 Highly flammable liquid and vapour. H302 Harmful if swallowed. H319 Causes serious eye irritation.	

Precautionary Statements

P210 Keep away from heat /sparks /open flames/hot surfaces. – No smoking.
 P233 Keep container tightly closed.
 P240 Ground/bond container and receiving equipment.
 P241 Use explosion-proof electrical /ventilating /lighting equipment.
 P242 Use only non-sparking tools.
 P243 Take precautionary measures against static discharge.
 P264 Wash thoroughly after handling.
 P270 Do not eat, drink or smoke when using this product.
 P273 Avoid release to the environment.
 P280 Wear protective gloves /eye protection

Supplementary Precautionary Statements

P201 Obtain special instructions before use.
 P202 Do not handle until all safety precautions have been read and understood.
 P272 Contaminated work clothing should not be allowed out of the workplace.
 P273 Avoid release to the environment.
 P261 Avoid breathing vapour/spray.
 P321 Specific treatment (see medical advice on this label).
 P302+352 IF ON SKIN: Wash with plenty of soap and water.
 P308+313 IF exposed or concerned: Get medical advice/attention.
 P312 Call a POISON CENTER or doctor/physician if you feel unwell.
 P332+313 If skin irritation occurs: Get medical advice/attention.
 P333+313 If skin irritation or rash occurs: Get medical advice/attention.
 P405 Store locked up.
 P501 Dispose of contents/container to ...

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

0.25% 8-Cineol (Eucalyptol) CAS-No: 470-82-6 EINECS-No: 207-431-5 Classification (EC 1272/2008) Flam. Liq. 3, H226 Skin Sens. 1, H317
2.0% β-Caryophyllene CAS-No: 87-44-5 EINECS-No: 201-746-1 Classification (EC 1272/2008) No information available
1.0% β-Pinene CAS-No: 127-91-3 EINECS-No: 204-872-5 Classification (EC 1272/2008) Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400
5.0% Caryophyllene Oxide CAS-No: 1139-30-6 EINECS-No: 214-519-7 Classification (EC 1272/2008) Skin Irrit. 2, H315 Eye Irrit. 2, H319
0.5% Limonene CAS-No: 5989-27-5 EINECS-No: 227-813-5 Classification (EC 1272/2008) Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
0.1% Linalool CAS-No: 78-70-6 EINECS-No: 201-134-4 Classification (EC 1272/2008) Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Irrit. 2, H319
0.25 %Terpinene-4-ol CAS-No: 562-74-3 EINECS-No: 209-235-5 Classification (EC 1272/2008) Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319STOT SE 3, H335
0.1 % trans-β-Ocimene CAS-No: 3779-61-1 EINECS-No: 223-241-5 No information available

04. FIRST AID MEASURES

4.1	Description of first aid measures
Inhalation	Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
Ingestion	Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. Do not induce vomiting.
Skin Contact	Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.
Eye Contact	Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.
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
	Do not use a direct stream of water to extinguish. Use: Powder. Carbon dioxide (CO ₂).
5.2	Special hazards arising from the product
	Specific hazards: When heated and in case of fire, toxic vapours/gases may be formed.
5.3	Advice for firefighters
	Protective equipment for fire-fighters: Wear Self-contained breathing apparatus. Wear chemical protective clothing.


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.
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.
	Absorb with inert, non-combustible, inorganic absorbent material, sweep up and remove to an approved disposal container. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking.
6.4	Reference to other sections
	No additional data available.

07. HANDLING AND STORAGE

7.1	Precautions for safe handling
	Avoid spilling, skin and eye contact. Adopt best manual handling considerations when handling, carrying and dispensing.
7.2	Conditions for safe storage, including any incompatibilities
	Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container. Keep away from heat, sparks and open flame
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:	No exposure limits noted for ingredient.
8.2 Exposure controls	
Protective Equipment	
	
Process Conditions	Safety shower and eye bath.
Engineering Measures	Provide adequate ventilation. Respiratory equipment. Self-contained breathing apparatus.
Respiratory Equipment	Protection not required if good ventilation is maintained. Use inhalation protection in poorly ventilated areas.
Hand Protection	Use suitable protective gloves if risk of skin contact.
Eye Protection	Wear approved safety goggles.
Other Protection	Wear rubber apron.
Hygiene Measures	Remove contaminated clothing and wash the skin thoroughly with soap and water after work.
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	Oily Liquid
Colour	Pale yellow to amber.
Odour	Characteristic
Relative Density @ 20°C	No data available
Flash Point (°C)	<60
Refractive Index @ 20°C	No data available
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
No additional data available.
10.2 Chemical stability
Stable under the recommended handling and storage conditions.
10.3 Possible hazardous reactions
No additional data available.
10.4 Conditions to Avoid
Avoid heat, sparks and open flames.
10.5 Incompatible materials
Materials To Avoid: Strong acids, alkali or oxidising agents.
10.6 Hazardous Decomposition Products
In case of fire, dangerous decomposition products can be generated, such as carbon monoxide and dioxide and nitrogen fumes and oxides.

11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects			
Chemical description	Oral LD50	Dermal LD50	Inhalation LC50
1,8-Cineol (Eucalyptol)	2.480 mg/kg (rat)	/	/
β-Caryophyllene	/	/	/
β-Pinene	4.700 mg/kg (rat)	/	/
Caryophyllene Oxide	> 5.000 mg/kg (rat)	> 2.000 mg/kg (rabbit)	/
Limonene	4.400 mg/kg (rat)	> 5.000 mg/kg (rabbit)	/
Linalool	2.790 mg/kg (rat)	5.610 mg/kg (rabbit)	/
Terpinene-4-ol	1.300 mg/kg (rat)	/	/
trans-β-Ocimene	/	/	/

Skin corrosion/irritation: No significant effects or critical hazards.

Serious eye damage/irritation: H319 Causes serious eye irritation.

Respiratory or skin sensitization: H302 Harmful if swallowed.

Aspiration hazard: No significant effects or critical hazards.

Germ cell mutagenicity: No significant effects or critical hazards.

Carcinogenicity: No significant effects or critical hazards.

Reproductive toxicity: No significant effects or critical hazards.

STOT-single exposure: No information Available.

STOT-repeated exposure: No information Available.

Information on likely routes of exposure: No information Available.

Symptoms related to the physical, chemical and toxicological characteristics: No information Available.

Delayed and immediate effects and chronic effects from short and long-term exposure Unavailable data.



12. ECOLOGICAL INFORMATION

12.1 Toxicity	No additional data available.
12.2 Persistence & degradability	Degradability: No additional data available.
12.3 Bioaccumulation Potential	Bioaccumulative potential: No data available on bioaccumulation.
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	No additional data available.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods	Dispose of in compliance with all local and national regulations.
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14. TRANSPORT INFORMATION

14.1 UN number	None	
14.2 UN Proper Shipping Name	UN No. ROAD	ADR/RID; Dispatch Name: EXTRAKTE, AROMATISCH, FLÜSSIG.
	UN No. SEA	IMDG/IMO; Technical Name: EXTRACTS, AROMATIC, LIQUID
	UN No. AIR	ICAO/IATA; Technical Name: EXTRACTS, AROMATIC, LIQUID .
14.3 Transport hazard class(es)	ADR/RID/ADN Class:	3
	ICAO Class/Division:	3
	IMDG Class:	3
	Transport Labels	
		
14.4 Packing group	IMDG Packing group	III
	ICAO Packing group	III
	ADR/RID:	III
14.5 Environmental hazards	Environmentally Hazardous Substance/Marine Pollutant	
		
14.6 Special precautions for user	None	
	Tunnel Restriction Code (E)	
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code	No additional data available.	

15. REGULATORY INFORMATION

15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture
	<p>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.</p>
15.2	Chemical safety assessment
	No additional information available.

16. OTHER INFORMATION

Hazard and/or Precautionary Statements in Full	<p>P210 Keep away from heat /sparks /open flames/hot surfaces. – No smoking. P233 Keep container tightly closed. P240 Ground/bond container and receiving equipment. P241 Use explosion-proof electrical /ventilating /lighting equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P264 Wash thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P273 Avoid release to the environment. P280 Wear protective gloves /eye protection.</p>
Other Information	None.

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.