Penny Price Aromatherapy/ Aroma Formulations
SAFETY DATA SHEET
According to Regulation (EC) No.1272/2008

1. Identification of the substances / mixture and of the company/undertaking.		
1.1 Product identifier: Niaouli oil		
Substance name:		
Biological Definition	**Product Name:** Niaouli oil EQA69902	
INCI Name		
Synonyms & Trade Names		
EC NO:	**CAS NO:** 132940-73-9	**EINECS CAS Number:**
Index No:	**Reach Registration No:**	
1.2 Relevant identified uses of the substance or mixture and uses advised against		
Identified uses:		
Uses advised against:		
1.3 Details of the supplier of the safety data sheet		
Company	Penny Price Aromatherapy Ltd	
	Unit D3 Radius Court	
	Maple Drive	
	Hinckley	
	Leicestershire LE10 3BE	
Email	info@penny-price.com	
1.4 Emergency Telephone Number	00 44 (0) 1455 251020 opening hours Mon – Thurs 9am – 5pm, Fri 9am – 2pm. Or call NHS 111 or NHS 999	

2. Hazards Identification			
2.1 Classification of the substance or mixture			
Classified according to Regulation (EC) 1272/2008 (CLP) as amended	Physical and Chemical Hazards	Flam. Liq. 3 – H226	
	Human Health	Skin Corr / Irrit. 2 - H315	Eye Dam/ Irrit. 2 – H319
		Skin Sens. 1 – H317	Aspiration Hazard. 1 – H304
	Environment	Aquatic Environment - Long-term Hazard Category 2 – H411	
2.2 Label Element Labelling according to Regulation (EC) No.1272/2008: 			
Signal Word. DANGER			
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

H319	Causes serious eye irritation.	H411	Toxic to aquatic life with long lasting effects.
Precautionary statements.			
P210	Keep away from heat, sparks, open flames and hot surfaces. - No smoking.		
P233	Keep container tightly closed.		
P240	Ground/bond container and receiving equipment		
P241	Use explosion-proof electrical, ventilating and lighting equipment.		
P242	Use only non-sparking tools		
P243	Take precautionary measures against static discharge.		
P261	Avoid breathing vapour or dust.		
P264	Wash hands and other contacted skin thoroughly after handling.		
P272	Contaminated work clothing should not be allowed out of the workplace.		
P273	Avoid release to the environment.		
P280	Wear protective gloves/eye protection/face protection.		
P301/310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.		
P303/361/353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.		
P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.		
P331	Do NOT induce vomiting.		
P333/313	If skin irritation or rash occurs: Get medical advice/attention.		
P337/313	If eye irritation persists: Get medical advice/attention.		
P362	Take off contaminated clothing and wash before reuse.		
P370/378	In case of fire: Use for extinction: Foam, Dry chemical, Carbon dioxide.		
P391	Collect spillage.		
P403/235	Store in a well-ventilated place. Keep cool.		
P405	Store locked up.		
P501	Dispose of contents/container to: approved disposal site.		
Supplementary Precautionary Statements:			
2.3 Other hazards – Results of PBT and vPvB According to Annex XIII None			
Adverse Physio-chemical Properties			
Adverse Effects on Human Health			

3. 1 Composition / information on ingredients:			
Substance name	**Index number under CLP Annex VI**	**Weight % content (or range)**	**CL, M-Factor, ATE**
1,4-Cineole	CAS: 470-67-7 EC: 207-428-9	50-100%	Flam. Liq. 3 - H226
alpha-Terpineol	CAS: 98-55-5 EC: 202-680-6	20-<50%	Skin Irrit. 2 – H315 Eye Irrit. 2 - H319
alpha-Pinene	CAS: 80-56-8 EC: 201-291-9	5-<10%	Flam. Liq. 3 – H226 Skin Irrit. 2 – H315

			Skin Sens. 1B – H317 Asp. Tox 1 - H304
d-Limonene	CAS: 5989-27-5 EC: 227-813-5	1-<5%	Flam. Liq. 3 – H226 Skin Irrit. 2 – H315 Skin Sens. 1B – H317 Asp. Tox 1 – H304 Aquatic Acute 1- H410 Aquatic Chronic 1 -H410
p-Cymene	CAS: 99-87-6 EC: 202-796-7	1-<5%	Flam. Liq. 3 – H226 Asp. Tox 1 – H304 Aquatic Chronic 2 - H411

4. First Aid Measures	
4.1 General	Immediately remove any clothing soiled by the product.
Inhalation	Remove person to fresh air and keep comfortable for breathing. Obtain medical attention if required.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. If irritation persists seek medical advice / attention.
Skin contact	Take off all contaminated clothing. Rinse skin with water/shower. If irritation persists seek medical attention.
Ingestion	Immediately call a poison centre or doctor
4.2 Most important symptoms and effects, both acute and delayed:	
May be fatal if swallowed and enters airways. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation.	
4.3 Indication of any immediate medical attention and special treatment need	
None expected, see Section 4.1 for further information.	
5. Firefighting Measures	
5.1 Extinguishing Media:	
Suitable extinguishing media:	Carbon dioxide, dry chemical, foam
Unsuitable extinguishing media:	No data available
5.2 Special hazards arising from the substances or mixture:	
Hazardous combustion products:	Carbon monoxide, unidentified organic compounds
5.3 Advice for firefighters	Incase of insufficient ventilation, wear suitable respiratory equipment

6 Accidental release measures	
6.1 Personal precautions, protective equipment, and emergency procedures	
6.1.1 For non-emergency personnel	
Protective equipment:	Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.
Emergency procedures:	No Data available

6.1.2 For Emergency responders	No Data available
6.2 Environmental precautions	Keep away from drains, surface and ground water, and soil.
6.3 Methods for cleaning up – 6.3.1 For containment:	
6.3.2 For cleaning up:	Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.
6.3.3. Other information:	No Data available
6.4 Reference to other sections	Also refer to sections 8 and 13.

7. Handling and storage	
7.1 Precautions for safe handling	
Protective measures: Keep away from heat, sparks, open flames and hot surfaces. - No smoking.	
Measures to prevent fire:	No Data available
Measures to prevent aerosol and dust generation:	No Data available
Measures to protect the environment:	No Data available
Advice on general occupational hygiene:	No Data available
7.2 Conditions for safe storage, including any incompatibilities	
Technical measures and storage conditions:	Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge
Packaging Materials:	No Data available
Requirements for storage and vessels:	No Data available
Storage Class: Further information on storage containers:	No Data available

7.3 Specific end use(s).	Use in accordance with good manufacturing and industrial hygiene practices.
Recommendations:	No Data available
Industrial sector specific solutions:	No Data available

8. Exposure controls/Personal protection:	
8.1 Control parameters	
8.2 Exposure controls	Not Applicable
Engineering Measures	
8.2.2 Personal Protection equipment	
8.2.2.1 Eye / face protection	Wear protective gloves/eye protection/face protection
8.2.2.2 Skin Protection	Wear protective gloves/eye protection/face protection
Hand protection	Wear protective gloves/eye protection/face protection
Other skin protection	N/A
8.2.2.3 Respiratory protection	Under normal conditions of use and where adequate ventilation is available to prevent build up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c) Use closed systems for transferring and processing this material. Also refer to Sections 2 and 7.
Ventilation	Not Applicable
8.2.2.4 Thermal hazards	Not Applicable
8.2.3 Environmental exposure controls	
9. Physical and chemical properties- C of A	
9.1 Information on basic physical and chemical properties	
Colour	Clear, water white
Appearance	Mobile liquid
Odour	Fresh, eucalyptus, camphor like
Melting Point / freezing point	
Boiling point /Initial boiling point & boiling range	Not detemined
Flammability	
Lower and upper explosion limit	
Flash point ^{0}C	44°C
Auto- ignition temperature	
Decomposition temperature	

pH	Not detemined
Kinematic Viscosity	
Solubility(ies)	Not detemined
Solubility in other Solvents	
Partition coefficient n-octanol/ water (log value)	
Vapour Pressure	Not detemined
Density and /or relative density	
Relative density	Not detemined
Particle characteristics	
Explosive Properties	
Oxidising Properties	
9.2 Other information	None available
Specific gravity	
Optical rotation @ 20^0C	
Refractive index @ 20^0 C	
Typical analysis of major components	

10. Stability and reactivity	
10.1 Reactivity	Presents no significant reactivity hazard, by itself or in contact with water.
10.2 Chemical Stability	Good stability under normal storage conditions.
10.3 Possibility of hazardous reactions:	Not expected under normal conditions of use.
10.4 Conditions to avoid:	Avoid extreme heat.
10.5 Incompatible Materials:	Avoid contact with strong acids, alkalis or oxidising agents.
10.6 Hazardous Decomposition Products	Not expected.

11. Toxicological information	
11.1 Information on hazard classes as defined in Regulation (EC) No 1272 /2008	
Information on Toxicological Effects Assumed Toxicity Value (LD50 or ATE) for Acute Oral Toxicity: 3200 mg/kg Assumed Toxicity Value (LD50 or ATE) for Acute Dermal Toxicity: Not Applicable Assumed Toxicity Value (LC50 or ATE) for Acute Inhalation Toxicity: Not Available Inhalation Route: Not Available Refer to Section 2 for additional information.	
Acute toxicity:	
Skin corrosion /irritation:	Causes skin irritation.
Seriously eye damage/irritation:	Causes serious eye irritation.
Respiratory or skin sensitisation:	May cause an allergic skin reaction.

Germ cell mutagenicity:	
Carcinogenicity:	
Reproductive toxicity:	
Summary of evaluation of the CMR properties:	
STOT- single exposure,	
STOT-repeated exposure:	
Aspiration hazard:	May be fatal if swallowed and enters airways.

12. Ecological information	
12.1 Toxicity	Toxic to aquatic life with long lasting effects.
12.2 Persistency & degradability	Not available
12.3 Bio accumulative potential	Not available
12.4 Mobility in soil	Not available
12.5 Results of PBT and vPvB Assessment	This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.
12.6 Endocrine disrupting properties	
12.7 Other adverse effects	Not available

13. Disposal considerations	
13.1 Waste treatment methods	Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment.
13.1.1. Product /Packaging disposal:	Empty containers should be taken to an approved waste handling site for recycling or disposal.
13.1.2 Waste treatment-relevant information:	Not available
13.1.3 Sewage disposal-relevant information:	Not available
13.1.4 Other disposal-relevant recommendations:	Dispose of contents / containers in accordance with local / regional / national / international regulations.

14. Transport information	
14.1 UN Number or ID number	UN1169
14.2 UN proper Shipping name	EXTRACTS, AROMATIC, LIQUID
14.3 Transport hazard class(es) Sub Risk:	3 -
14.4 Packing group	III
14.5 Environmental hazards	This is an environmentally hazardous substance.
14.6 Special precautions for user	None Additional

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:	Not Applicable

15 Regulatory information	
15.1 Safety, health, and environmental regulations / legislation specific for the substance or mixture	
Not Additional	
15.2 Chemical Safety Assessment	A Chemical Safety Assessment has not been carried out for this product.

16. Other information

(i) Indication of Changes: Revised Safety Data Sheet Format: From March 2019. – Section 2 and 3 have changed places, additional points added under each section in line with Regulation EC) No 1272/2008 Version 4.2 March 2021'.

Concentration % Limits: EH C2=78.13% EH C3=7.81% SCI 2=33.33% EDI 2=50.00% EDI 2A=50. 00% SS 1=14.29% AH 1=66.67%

Total Fractional Values: EH C2=1.28 EH C3=12.80 SCI 2=3.00 EDI 2=2.00 EDI 2A=2.00 SS 1=7.00 AH 1=1.50

(ii) Abbreviations and acronyms:

DNEL: Derived No-Effect Level.
PNEC: Predicted No- Effect Concentration.
ADR: European agreement concerning the international carriage of dangerous goods by road.
RID: Regulations concerning the International carriage of Dangerous goods by rail.
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organisation
ICAO-TI: Technical Instructions by the 'International Civil Aviation Organisation" (ICAO)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
ICAO: International Maritime Dangerous Goods.
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
WGK: Water Hazard Class.
LC50: Lethal concentration, 50 percent
LD50: Lethal Dose, 50 percent
PBT: Persistent, Bio accumulative and Toxic
vPvB: Very Persistent and very Bio accumulative
Flam. Liq: Flammable Liquid
AT: Acute Toxicity – O = Oral / D = Dermal / I = Inhalation
Asp: Aspiration Hazard
Skin Corr/ Irrit: Skin Corrosion / Irritation
Skin Sens: Skin Sensation
Eye Dam/ Irrit: Eye damage / Irritation
Muta: Mutagenic
Carc: Carcinogenic
Resp: Respiration Sensitive
Repro: Reproductive Sensitive

EH A: Environmental Hazard Aquatic Acute
EH C: Environmental Hazard Aquatic Chronic
Aquatic Acute 1 Hazardous to the Aquatic Environment - Acute Hazard Category 1
Aquatic Chronic 1 Hazardous to the Aquatic Environment - Long-term Hazard Category 1
Aquatic Chronic 2 Hazardous to the Aquatic Environment - Long-term Hazard Category 2
Asp. Tox 1 Aspiration Hazard Category 1
Eye Irrit. 2 Eye Damage / Irritation Category 2
Flam. Liq. 3 Flammable Liquid, Hazard Category 3
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.
H319 Causes serious eye irritation.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.
P210 Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P233 Keep container tightly closed.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical, ventilating and lighting equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P261 Avoid breathing vapour or dust.
P264 Wash hands and other contacted skin thoroughly after handling.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.
P280 Wear protective gloves/eye protection/face protection.
P301/310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302/352 IF ON SKIN: Wash with plenty of soap and water.
P303/361/353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305/351/338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P331 Do NOT induce vomiting.
P332/313 If skin irritation occurs: Get medical advice/attention.
P333/313 If skin irritation or rash occurs: Get medical advice/attention.
P337/313 If eye irritation persists: Get medical advice/attention.
P362 Take off contaminated clothing and wash before reuse.
P370/378 In case of fire: Use for extinction: Foam, Dry chemical, Carbon dioxide.
P391 Collect spillage.
P403/235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.
P501 Dispose of contents/container to: approved disposal site.
Skin Irrit. 2 Skin Corrosion / Irritation Category 2
Skin Sens. 1B Sensitization - Skin Category 1B

(iii) Key Literature references and sources of date.	
(iv) Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 (CLP):	
Classification according to Regulation (EC) 1272/2008(CLP) **Classification procedure**	
(v) Relevant H-statements (number and full text):	
(vi) Training advice:	
(vii) Further information:	
Shelf life	Minimum 12 months when stored in the advised conditions.
QC requirements	
In line with general product specification. Always satisfy suitability for specific application. Retest after 6 months.	
Disclaimer:	
The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is date supplied without warranty, expressed, or implied, regarding its correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product and to assume liability for loss, injury, damage, or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification or for any given application and buyers should seek to verify their requirements and product use.	