

Safety Data Sheet

In accordance with REACH Regulation EC No.1907/2006

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: Ylang Ylang 3 Essential Oil
CAS number: 83863-30-3 / 8006-81-3 / 68606-83-7
EINECS number: 281-092-1
Synonyms: -
INCI name: Cananga Odorata Flower Oil

1.2. Details of the supplier of the safety data sheet

Company name: Bath and Body Base Ltd
2A Laurel Way
Bishop Auckland
Co. Durham
DL14 7NF
Tel: 07493 064263
Email: technical@bathandbodybase.com

1.3. Emergency telephone number

Emergency tel: 07493 064263

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EU1272/2008): Physical hazards: Not classified.
Health hazards: Skin Irrit. 2 - H315, Skin Sens. 1 - H317,
Asp. Tox. 1 - H304
Environmental hazards: Aquatic Chronic 2 - H411

2.2. Label elements

Label in accordance with Regulation (EC) No 1272/2008

Hazard statements: H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H411 Toxic to aquatic life with long lasting effects.

Signal words: Danger

Hazard pictograms:



GHS07

GHS08

GHS09

Precautionary statements:	P261 Avoid breathing vapour/spray. P264 Wash contaminated skin thoroughly after handling. P273 Avoid release to the environment. P301+P310 If swallowed, immediately call a poison centre/doctor. P302+P352 If on skin, wash with plenty of water. P331 Do not induce vomiting. P501 Dispose of contents/container in accordance with national regulations.
Supplementary precautionary statements:	P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves/protective clothing/eye protection/face protection. P321 Specific treatment (see medical advice on this label). P332+P313 If skin irritation occurs, get medical advice/ attention. P333+P313 If skin irritation or rash occurs, get medical advice/attention. P362+P364 Take off contaminated clothing and wash it before reuse. P391 Collect spillage. P405 Store locked up.

2.3. Other hazards

Adverse physio-chemical properties:	May be fatal if swallowed and enters airways. Causes skin irritation. May cause an allergic skin reaction.
Adverse effects on human health:	Toxic to aquatic life with long lasting effects.
PBT or vPvB according to Annex XIII:	No additional data available.

Section 3: Composition/information on ingredients

3.1. Substances

Substances:	<p>10 - 15% Beta Caryophyllene CAS No.: 7-44-5, EC No.: 201-746-1 Classification (EC 1272/2008): M Factor (Acute) = 1, M Factor (Chronic) = 1 Skin Irrit. 2 - H315, Skin Sens. 1b - H317, Asp. Tox. 1 - H304, Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410</p> <p>5 - 10% Benzyl Benzoate CAS No.: 120-51-4, EC No.: 204-402-9 Classification (EC 1272/2008): M Factor (Acute) = 1, Acute Tox. 4 - H302, Aquatic Acute 1 - H400, Aquatic Chronic 2 - H411</p> <p>5 - 10% Benzyl Salicylate CAS No.: 118-58-1, EC No.: 204-262-9 Classification (EC 1272/2008): Eye Irrit. 2 - H319, Skin Sens. 1B - H317, Aquatic Chronic 3 - H412</p> <p>5 - 10% Linalool CAS No.: 78-70-6, EC No.: 201-134-4 Classification (EC 1272/2008): Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, Skin Sens. 1 - H317</p> <p>5 - 10% Benzyl Acetate CAS No.: 140-11-4, EC No.: 205-399-7 Classification (EC 1272/2008): Aquatic Chronic 3 - H412</p> <p>1 - 5% Geranyl Acetate CAS No.: 105-87-3, EC No.: 203-341-5 Classification (EC 1272/2008): Skin Irrit. 2 - H315, Skin Sens. 1B - H317, Aquatic Chronic 3 - H412</p>
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1 - 5% Farnesol

CAS No.: 4602-84-0, EC No.: 225-004-1

Classification (EC 1272/2008): M Factor (Acute) = 1, M Factor (Chronic) = 1

Skin Irrit. 2 - H315, Skin Sens. 1 - H317, Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410

1 - 5% p-Cresyl methyl ether

CAS No.: 104-93-8, EC No.: 203-253-7

Classification (EC 1272/2008): Acute Tox. 4 - H302, Skin Irrit. 2 - H315, Repr. 2 - H361

≤1.0% Isoeugenol

CAS No.: 97-54-1, EC No.: 202-590-7

Classification (EC 1272/2008): Acute Tox. 4 - H302, Acute Tox. 4 - H312, Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, Skin Sens. 1 - H317, STOT SE 3 - H335

≤1.0% Geraniol

CAS No.: 106-24-1, EC No.: 203-377-1

Classification (EC 1272/2008): Skin Irrit. 2 - H315, Eye Dam. 1 - H318, Skin Sens. 1 - H317

≤1.0% Eugenol

CAS No.: 97-53-0, EC No.: 202-589-1

Classification (EC 1272/2008): Eye Irrit. 2 - H319, Skin Sens. 1 - H317, Asp. Tox. 1 - H304

Section 4: First aid measures**4.1. Description of first aid measures**

General advice:	Always remove contaminated clothing immediately.
Skin contact:	Remove contaminated clothes. Wash thoroughly with soap and water. Contact physician if irritation persists.
Eye contact:	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical advice/attention. Continue to rinse.
Ingestion:	Do not induce vomiting. Immediately rinse mouth and provide fresh air. Get medical advice/attention.
Inhalation:	Get medical attention immediately. Remove from exposure site to fresh air, keep at rest, and obtain medical attention.

4.2. Most important symptoms and effects, both acute and delayed**Symptoms/effects:** No additional data available.**4.3. Indication of any immediate medical attention and special treatment needed****Immediate/special treatment:** Treat symptomatically.**Section 5: Fire-fighting measures****5.1. Extinguishing media****Suitable extinguishing media:** Carbon dioxide, dry chemical, foam.**Unsuitable extinguishing media:** Do not use water jet as an extinguisher, as this may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

Hazards: A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health. Do not breathe in smoke. Thermal decomposition or combustion products may include the following substances: Carbon dioxide (CO₂), Carbon monoxide (CO), other toxic gases. Containers close to fire should be removed or cooled with water.

5.3. Advice for fire-fighters

Advice for fire-fighters: Avoid inhalation of generated fumes or vapours. Wear self-contained breathing apparatus and appropriate protective clothing.

Section 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Personal precautions: Wear protective clothing as described in Section 8. Handle the product using protective gloves resistant to the chemicals exposed. Avoid contact with skin and inhalation of its vapours. Maintain adequate ventilation in the working area after spilling.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains, water courses or onto the ground. Dispose of in line with local authority guidelines.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: 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.

6.4. Reference to other sections

Reference to other sections: Refer to Sections 7, 8 and 13.

Section 7: Handling and storage**7.1. Precautions for safe handling**

Handling requirements: Handle in accordance with good hygiene and safety practice. Keep away from heat, sparks, open flames and hot surfaces - no smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Keep the product container tightly closed, in a dry, ventilated area. Keep away from potential sources of ignition and protected from light. Maintain limited contact with oxygen.

7.3. Specific end use(s)

Specific end use(s): No data.

Section 8: Exposure controls/personal protection**8.1. Control parameters****Control parameters:****Benzyl Salicylate (CAS: 118-58-1)****DNEL**Workers - inhalation; long term systemic effects: 3.17mg/m³

Workers - dermal; long term systemic effects: 0.9bw/day, mg/kg

General population - inhalation; long term systemic effects:
0.78mg/m³General population - dermal; long term systemic effects: 0.45bw/day,
mg/kgGeneral population - oral; long term systemic effects: 0.45mg/kg,
bw/day**PNEC**

Fresh water; short term 0.001mg/l

Fresh water; intermittent release, 0.01mg/l

Marine water; short term 0mg/l

STP; short term 10mg/l

Sediment (freshwater); short term 0.583mg/kg

Sediment (marine water); short term 0.058mg/kg

Soil; short term 1.41mg/kg

Linalool (CAS: 78-70-6)**DNEL**

Workers - dermal; short term systemic effects: 5mg/kg

Workers - inhalation; short term systemic effects: 16.5mg/m³

Workers - dermal; long term systemic effects: 2.5mg/kg

Workers - inhalation; long term systemic effects: 2.8mg/m³

General population - oral; short term systemic effects: 1.5mg/kg

General population - dermal; short term systemic effects: 2.5mg/kg

General population - inhalation; short term systemic effects:
4.1mg/m³

General population - oral; long term systemic effects: 0.2mg/kg

General population - dermal; long term systemic effects: 1.25mg/kg

General population - inhalation; long term systemic effects: 0.7mg/m³**PNEC**

STP; short term 10mg/l

Soil; short term 0.327mg/kg

Intermittent release; short term 2mg/l

Fresh water; short term 0.2mg/l

Marine water; short term 0.02mg/l

Sediment (freshwater); short term 2.22mg/kg

Sediment (marine water); short term 0.222mg/kg

Geranyl Acetate (CAS: 105-87-3)**DNEL**Workers - inhalation; long term systemic effects: 62.59mg/m³

Workers - dermal; long term systemic effects: 35.5bw/day, mg/kg

General population - inhalation; long term systemic effects:
15.4mg/m³General population - dermal; long term systemic effects: 17.75mg/kg,
bw/dayGeneral population - oral; long term systemic effects: 8.9mg/kg,
bw/day

PNEC

Fresh water; short term 3.72mg/l
Fresh water, intermittent release; 37.2mg/l
Marine water; short term 0.372mg/l
STP; short term 8mg/l
Sediment (freshwater); short term 0.442mg/kg
Sediment (marine water); short term 0.044mg/kg
Soil; short term 0.086mg/kg

Benzyl Acetate (CAS: 140-11-4)**DNEL**

Workers - inhalation; long term systemic effects: 21.9mg/m³
Workers - inhalation; short term systemic effects: 43.8mg/m³
Workers - dermal; long term systemic effects: 6.25mg/kg, bw/day
Workers - dermal; short term systemic effects: 12.5bw/day, mg/kg
General population - inhalation; long term systemic effects: 5.5mg/m³
General population - inhalation; short term systemic effects: 11mg/m³
General population - dermal; long term systemic effects:
3.125bw/day, mg/kg
General population - dermal; short term systemic effects: 6.25bw/day,
mg/kg
General population - oral; long term systemic effects: 3.125mg/kg,
bw/day
General population - oral; short term systemic effects: 6.25mg/kg,
bw/day

PNEC

Fresh water; short term 0.004mg/l
Intermittent release, fresh water; 0.04mg/l
Marine water; short term 0mg/l
STP; short term 8.55mg/l
Sediment (freshwater); short term 0.114mg/kg
Sediment (marine water); short term 0.011mg/kg
Soil; short term 0.021mg/kg

p-Cresyl methyl ether (CAS: 104-93-8)**DNEL**

Workers - inhalation; long term systemic effects: 2.9mg/m³
Workers - dermal; long term systemic effects: 13.9mg/kg, bw/day
General population - inhalation; long term systemic effects: 0.7mg/m³
General population - dermal; long term systemic effects: 8.3bw/day,
mg/kg
General population - oral; long term systemic effects: 0.4bw/day,
mg/kg

PNEC

Fresh water; short term 0.027mg/l
Marine water; short term 0.003mg/l
STP; short term 10mg/l
Sediment (freshwater); short term 0.862mg/kg
Sediment (marine water); short term 0.086mg/kg

Geraniol (CAS: 106-24-1)**DNEL**

Workers - inhalation; long term systemic effects: 161.6mg/m³
Workers - dermal; long term systemic effects: 12.5mg/kg, bw/day
General population - inhalation; long term systemic effects:
47.8mg/m³
General population - dermal; long term systemic effects: 7.5bw/day,
mg/kg
General population - oral; long term systemic effects: 13.75bw/day,
mg/kg

PNEC

Fresh water; short term 0.011mg/l

Fresh water; intermittent release, 0.108mg/l

Marine water; short term 0.001mg/l

STP; short term 0.7mg/l

Sediment (freshwater); short term 0.115mg/kg

Sediment (marine water); short term 0.011mg/kg

Soil; short term 0.017mg/kg

Eugenol (CAS: 97-53-0)

DNEL

Workers - inhalation; long term systemic effects: 21.2mg/m³

Workers - dermal; long term systemic effects: 6bw/day, mg/kg

General population - inhalation; long term systemic effects: 5.22mg/m³

General population - dermal; long term systemic effects: 3bw/day, mg/kg

General population - oral; long term systemic effects: 3bw/day, mg/kg

PNEC

Fresh water; short term 1.13mg/l

Fresh water; intermittent release, 11.3mg/l

Marine water; short term 0.113mg/l

Sediment (freshwater); short term 0.081mg/kg

Sediment (marine water); short term 0.008mg/kg

8.2. Exposure controls



Engineering measures:

Provide adequate ventilation.

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.

Hand protection:

Wear protective gloves/eye protection/face protection.

Eye protection:

Wear protective gloves/eye protection/face protection.

Hygiene measures:

Good personal hygiene practices are always advisable, especially when working with chemicals/oils. Do not eat, drink or smoke during use. Remove and wash contaminated clothing before re-using.

Skin protection:

Wear protective clothing to reduce the risk of skin and eye contact.

Personal protection:

Avoid inhalation of the product. Avoid contact with skin and eyes.

Other protection:

Wear suitable protection to avoid contact with skin and eyes. Do not inhale vapours.

Process conditions:

Ensure area is well ventilated. Avoid vapour inhalation. Safety shower and eye bath.

Environmental:

Avoid discharging into drainage water. Only eliminate by authorised companies.

Section 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

State:	Liquid
Colour:	Pale yellow – dark yellow
Odour:	Characteristic
Relative density	Approx. 0.929 @ 20°C
Flashpoint (°C)	>88°C
Refractive index @ 20°C	Approx. 1.505 @ 20°C
Solubility in water @ 20°C	0.013g/l M water @ 25°C

9.2. Other information

Melting point (°C):	15.76
Boiling point (°C):	125
Vapour pressure:	3.04Pa @ 25°C
Auto-ignition temperature (°C):	240.0

Section 10: Stability and reactivity**10.1. Reactivity**

Reactivity:	Presents no significant reactivity hazards, by itself or in contact with water. Stable under normal temperature and storage conditions and recommended use.
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10.2. Chemical stability

Chemical stability:	Stable under suggested storage conditions (<15°C).
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10.3. Possibility of hazardous reactions

Hazardous reactions:	Not expected under normal conditions of use.
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10.4. Conditions to avoid

Conditions to avoid:	Avoid heat, flames and other sources of ignition.
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10.5. Incompatible materials

Materials to avoid:	Avoid contact with strong acids, alkalis or oxidising agents.
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10.6. Hazardous decomposition product

Haz. decomp. products:	Not expected under normal temperature conditions and recommended use. Thermal decomposition may release/form oxides of carbon (Carbon monoxide, Carbon dioxide) and other toxic gases.
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Section 11: Toxicological information
11.1. Information on toxicological effects

Acute toxicity:	ATE oral (mg/kg) 6,410.26
Skin irritation:	May cause skin irritation.
Eye damage or irritation:	Not classified.
Respiratory or skin sensitivity:	Skin - may cause an allergic skin reaction.
Germ cell mutagenicity:	Not classified
Carcinogenicity:	Not classified.
Reproductive toxicity:	Not classified.
STOT – single exposure:	Not classified.
STOT – repeated exposure:	Not classified.
Aspiration hazard:	May be fatal if swallowed and enters airways.

Section 12: Ecological information
12.1. Toxicity

Acute toxicity - aquatic invertebrates:	EL50, 48hours: 10.4mg/l, Daphnia magna
Acute toxicity - microorganisms:	EC ₅₀ , 3hours: 1,000mg/l, Activated sludge

12.2. Persistence and degradability

Persistence and degradability:	No data.
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12.3. Bioaccumulative potential

Partition coefficient log Pow:	6.995
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12.4. Mobility in soil

Mobility:	No additional data available.
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12.5. Results of PBT and vPvB assessment

Results:	No additional data available.
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12.6. Endocrine disrupting properties

Endocrine disrupting potential:	No additional data available.
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12.7. Other adverse effects


Other adverse effects:	No additional data available.
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Section 13: Disposal considerations

13.1. Waste treatment methods

Product:	Do not allow entry into drains or waterways.
Waste:	Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals. Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company. Do not contaminate the ground or water with waste. Do not dispose of waste into the environment.
Soiled packaging:	Empty container completely. Keep label(s) on container. Dispose of via a certified disposal contractor.

Section 14: Transport information

UN number or ID number:	Road: 3082 Rail: 3082 Air: 3082
UN proper shipping name:	Environmentally Hazard Substance Liquid, N.O.S
Transport hazard class(es):	<p>ADR/RID ADR/RID – Class 9 ADR Classification Code – M6 ADR Transport Category – 3 Hard Identification Number – 90 Special Provisions – 274 335 375 601 Limited Quantities – 5I Expected Quantities – E1 Emergency Action Code – 3Z</p> <p>IMDG IMDG – Class 9 Special Provisions – 274 335 375 601 Limited Quantities – 5I Expected Quantities – E1 IMDG EMS – F-A, S-F Stowage and Handling – Category A</p> <p>ICAO/IATA ICAO/IATA– Class 9 IATA Proper Shipping Name – Environmentally Hazardous Substance Liquid N.O.S. Expected Quantities – E1</p> <p>Transport Label:</p> 
Packaging group:	ADR/RID Packing Group: III IMDG Packing Group: III ICAO Packing Group: III

Environmental hazards: Environmentally Hazardous Substance/Marine Pollutant



Special precautions for user: See Sections 6 – 8.

Transport in bulk according to Annex II of MARPOL73/78 & the IBC code: Not applicable.

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU Directives: Regulation (EC) no 2020/878 of the European parliament and of the council of 18th December 2006. Concerning the registration, evaluation, authorization & restriction of chemicals (REACH), establishing a European chemicals agency, amending directive 1999/45/EC and repealing council regulation (EEC) no793/93 and commission regulation (EC) no1488/94 as well as council directive 76/769/EEC and commission directive 91/155/ECC, 93/67/ECC, 93/105/EEC and 2000/21/EC (including amendments).

Statutory instruments: The Chemicals (Hazard Information and Packaging for Supply Regulations 2009 (S.I.2009 No 716).

Approved code of practice: Classification and labelling of substances and preparations dangerous for supply. Safety data sheets for substances and preparations.

Guidance notes: Workplace exposure limits EH40. CHIP for everyone HSG 108.

Section 16: Other information

16.1. Other information

Hazard and/or precautionary statements in full: H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H361 Suspected of damaging fertility or the unborn child.
H400 Very toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

Other information: * Indicates text in the SDS which has changed since the last revision.

Legal disclaimer: This information is provided for documentation purposes only.

The complete range of conditions or methods of use are beyond our control therefore we do not assume any responsibility and expressly disclaim any liability for any use of this product.

Information contained herein is believed to be true and accurate however, all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.

Compliance with all appropriate local regulations remains the responsibility of the user.

This safety sheet cannot cover all possible situations which the user may experience during processing.

Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary.

All health and safety information contained in this document should be provided to your employees or customers.