

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Code: 00322383

Product Name: Ylang Complete Nosy BE Essential Oil

CAS No. 8006-81-3

Recommended use of the chemical and restrictions on use

Recommended use Aromatic Ingredient (s). For Industrial Use Only.

Uses advised against Do not ingest as such. Avoid eye contact.

Details of the supplier of the safety data sheet

Robertet, Inc.
400 International Drive
Mount Olive, NJ 07828 USA
TEL: 201-337-7100
E-mail: reginc@robertetusa.com

Emergency telephone number

Emergency Telephone Number Chemtrec 1-800-424-9300 (24 hrs)
Outside of the USA and Canada (703) 527-3887. Collect calls accepted

2. HAZARDS IDENTIFICATION

OSHA Hazard Classification

Skin Corrosion/Irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Skin Sensitization	Category 1A
Carcinogenicity	Category 2
Reproductive toxicity	Category 2
Specific target organ toxicity (single exposure)	Category 2
Aspiration Toxicity	Category 1
Flammable liquids	Category 4

Label elements

Signal Word

Danger

Hazard Statements

Causes Skin Irritation
Causes serious eye irritation
May cause an allergic skin reaction
Suspected of causing cancer
Suspected of damaging fertility or the unborn child
May cause damage to organs
May be fatal if swallowed and enters airways
Combustible liquid

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Precautionary Statements - Prevention

Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Use personal protective equipment as required
Wash face, hands and any exposed skin thoroughly after handling
Contaminated work clothing should not be allowed out of the workplace
Do not breathe dust/fume/gas/mist/vapors/spray
Do not eat, drink or smoke when using this product
Keep away from heat/sparks/open flames/hot surfaces. - No smoking
Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention
Specific treatment (see supplemental first aid instructions on this label)
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If eye irritation persists: Get medical advice/attention
IF ON SKIN: Wash with plenty of soap and water
Take off contaminated clothing and wash before reuse
If skin irritation or rash occurs: Get medical advice/attention
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
Do not induce vomiting
In case of fire: Use CO₂, dry chemical, or foam for extinction

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

None known

Other Information

Harmful to aquatic life with long lasting effects
Toxic to aquatic life

Interactions with Other Chemicals

Not applicable

Principle Routes of Exposure

No information available

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No	Weight %	GHS Classification
Caryophyllene beta	87-44-5	10% - 20%	Asp. Tox. 1 (H304) Skin Corr. 3 (H316)
2,6-octadien-1-ol,3,7-dimethyl acetate	105-87-3	5% - 10%	Skin Irrit. 2 (H315) Aquatic Acute 2 (H401) Aquatic Chronic 3 (H412) Skin Sens. 1B (H317)

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1,6-octadien-3-ol,3,7-dimethyl	78-70-6	5% - 10%	Acute Tox. Oral 5 (H303) Eye Irrit. 2A (H319) Flam. Liq. 4 (H227) Aquatic Acute 3 (H402) Skin Irrit. 2 (H315)
Benzyl benzoate	120-51-4	5% - 10%	Aquatic Chronic 2 (H411) Aquatic Acute 1 (H400) Acute Tox. Dermal 5 (H313) Acute Tox. Oral 4 (H302)
Benzyl salicylate	118-58-1	1.0% - 5.0%	Aquatic Chronic 3 (H412) Aquatic Acute 2 (H401) Acute Tox. Oral 5 (H303) Eye Irrit. 2B (H320) Skin Sens. 1B (H317) STOT SE Oral 2 (H371)
Cresyl methyl ether-p	104-93-8	1.0% - 5.0%	Aquatic Chronic 3 (H412) Acute Tox. Oral 4 (H302) Aquatic Acute 3 (H402) Repr. 2 (H361) Skin Irrit. 2 (H315) Flam. Liq. 3 (H226)
2,6,10-dodecatrien-1-ol, 3,7,11-trimethyl	4602-84-0	1.0% - 5.0%	Skin Sens. 1B (H317) Eye Irrit. 2A (H319) Skin Irrit. 2 (H315)
Methyl benzoate	93-58-3	1.0% - 5.0%	Skin Corr. 3 (H316) Flam. Liq. 4 (H227) Acute Tox. Oral 4 (H302)
Geraniol	106-24-1	1.0% - 5.0%	Eye Dam. 1 (H318) Skin Irrit. 2 (H315) Acute Tox. Oral 5 (H303) Aquatic Acute 2 (H401) Skin Sens. 1 (H317)
Phenol, 2-methoxy-4-(2-propenyl)-	97-53-0	1.0% - 5.0%	Skin Corr. 3 (H316) Acute Tox. Dermal 5 (H313) Acute Tox. Oral 5 (H303) Skin Sens. 1B (H317) Aquatic Acute 2 (H401) Asp. Tox. 1 (H304) Eye Irrit. 2A (H319)
Iso eugenol	97-54-1	0.1% - 1.0%	Skin Sens. 1A (H317) Skin Irrit. 2 (H315) Eye Irrit. 2A (H319) Aquatic Acute 2 (H401) Acute Tox. Oral 4 (H302) Acute Tox. Dermal 4 (H312)
Benzene, 1-methoxy-4-(2-propenyl) - natural	140-67-0	0.1% - 1.0%	Muta. 2 (H341) Flam. Liq. 4 (H227) Acute Tox. Oral 4 (H302) Skin Corr. 3 (H316) Carc. 2 (H351) Skin Sens. 1B (H317)
2,6-octadienal, 3,7-dimethyl-	5392-40-5	0.1% - 1.0%	Skin Irrit. 2 (H315) Aquatic Acute 2 (H401) Skin Sens. 1B (H317) Acute Tox. Dermal 5 (H313) Eye Irrit. 2A (H319)
Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (r)	5989-27-5	0.1% - 1.0%	Asp. Tox. 1 (H304) Skin Sens. 1B (H317) Skin Irrit. 2 (H315) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) Flam. Liq. 3 (H226)

4. FIRST AID MEASURES

First Aid Measures

Eye Contact

Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

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Skin Contact	Wash skin with soap and water.
Inhalation	Move to fresh air.
Ingestion	Clean mouth with water and afterwards drink plenty of water.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Carbon dioxide (CO2). Water spray. Use: Dry chemical. alcohol-resistant foam.

Unsuitable Extinguishing Media

Decomposition by contact with water may generate vapours which can be ignited by heat or open flame.

Specific Hazards Arising from the Chemical

Keep product and empty container away from heat and sources of ignition. Risk of ignition.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Use personal protective equipment. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

Environmental Precautions

Environmental Precautions Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

Methods and material for containment and cleaning up

Methods for Clean-up Soak up with inert absorbent material. Pick up and transfer to properly labelled containers. Dam up.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling Wear personal protective equipment. Use only in area provided with appropriate exhaust ventilation. Do not breathe vapours or spray mist. Use product only in closed system.

Conditions for safe storage, including any incompatibilities

Storage Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls

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Engineering Controls Ensure adequate ventilation, especially in confined areas.

Individual protection measures, such as personal protective equipment

Eye/face Protection Tight sealing safety goggles.

Skin and body protection No special technical protective measures are necessary.

Respiratory Protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General Hygiene Considerations When using, do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State: Liquid
Appearance: Pale yellow
Odor: Characteristic
Odor Threshold: No information available

<u>Property</u>	<u>Values</u>	<u>Remarks/ - Method</u>
pH	Not Determined	None known
Melting Point/Range	Not Determined	None known
Boiling Point/Range (°C)	>35	None known
Flash Point:	93 °C / 199 °F	CC (closed cup)
Evaporation rate	Not Determined	None known
Flammability (solid, gas)	Not Determined	None known
Vapor Pressure (mm Hg @ 20°C):	Not Determined	None known
Vapor Density	Not Determined	None known
Relative density	Not Determined	None known
Specific Gravity @ 20/20 °C:	0.9150-0.9350	RTM-101
Water Solubility:	Not Determined	None known
Solubility in other solvents	Not Determined	None known
Partition coefficient: n-octanol/water	Not Determined	None known
Autoignition Temperature	Not Determined	None known
Decomposition temperature	Not Determined	None known
Decomposition temperature	Not Determined	None known
Viscosity	Not Determined	None known

Explosive Properties No information available
Oxidizing Properties No information available

Other information

10. STABILITY AND REACTIVITY

Reactivity

No dangerous reaction known under conditions of normal use. Keep away from oxidizing agents and strongly acid or alkaline materials.

Chemical Stability

Stable under normal conditions. Hazardous polymerisation does not occur.

Possibility of Hazardous Reactions

None under normal processing.

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Conditions to Avoid

Heating in air.

Incompatible Materials

Strong oxidizing agents.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information	Product does not present an acute toxicity hazard based on known information
Inhalation	No data available.
Eye Contact	No data available.
Skin Contact	No data available.
Ingestion	No data available.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document .

Oral LD50	>5000 mg/kg
Dermal LD50	>5000 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity

None known.

Persistence/Degradability

No information available.

Bioaccumulation/ Accumulation

No information available.

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste Disposal Method	Dispose of in accordance with local regulations.
Contaminated Packaging	Empty containers should be taken for local recycling, recovery or waste disposal.

14. TRANSPORT INFORMATION

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DOT Not regulated

IMDG/IMO Not regulated

IATA/ICAO Not regulated

15. REGULATORY INFORMATION

USA

Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

State Regulations

California Proposition 65 This product does not contain any Proposition 65 chemicals

International Regulations

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR

WHMIS Hazard Class

B3 Combustible liquid D2A Very toxic materials



16. OTHER INFORMATION

Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

Classification and Labelling according to the IFRA/IOFI Labelling Manual 2013.

Preparation Date: 29-October-2015

End of SDS

