

SAFETY DATA SHEET

Crafter's Choice™ Ylang Ylang III Essential Oil - Certified 100% Pure

Version 1.03

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

EC-No 281-092-1
 CAS-No 8006-81-3
 FEMA Numbers 3119

Manufacturer/Supplier Crafter's Choice Brands, LLC
 7820 E. Pleasant Valley Road
 Independence, Ohio 44131
 Phone: 1-800-908-7028
 www.Crafters-Choice.com

Product name Crafter's Choice™ Ylang Ylang III Essential Oil - Certified 100% Pure
 Pure substance/mixture Natural Complex Substance

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended Use No information available

1.3. Details of the supplier of the safety data sheet

For further information, please contact:

1.4. Emergency telephone number

Emergency telephone ChemTel (800) 255-3924 Domestic USA, Canada, Puerto Rico, and USVI
 + (813) 248-0585 International

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Acute oral toxicity	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Acute aquatic toxicity	Category 3
Chronic aquatic toxicity	Category 3
Flammable liquids	Category 4

Classification according to EU Directives 67/548/EEC or 1999/45/EC
 For the full text of the R-phrases mentioned in this Section, see Section 16

Symbol(s)
 Xi - Irritant

R-code(s)
 R43 - R52-53

2.2. Label elements**Signal Word**

Warning

Hazard Statements

H302 - Harmful if swallowed

H315 - Causes skin irritation

H319 - Causes serious eye irritation

H412 - Harmful to aquatic life with long lasting effects

H227 - Combustible liquid

Precautionary Statements

P321 - Specific treatment (see .? on this label)

P403 + P235 - Store in a well-ventilated place. Keep cool

P370 + P378 - In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction

P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking

P280 - Wear protective gloves/ eye protection/ face protection

2.3. Other information**3. COMPOSITION/INFORMATION ON INGREDIENTS****3.1 Substances**

Chemical Name	EC-No	CAS-No	Alternate CAS #	Weight %	Classification according to Directive 67/548/EEC or 1999/45/EC	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH Registration Number
BENZYL BENZOATE	204-402-9	120-51-4		5-10%	XN; R22, N; R51/53;	Aquatic Acute 2 (H401) Aquatic Chronic 2 (H411) Acute Tox. 4 (H302)	No data available
BENZYL SALICYLATE	204-262-9	118-58-1		1-5%	XI; R43, N; R51/53;	Aquatic Acute 2 (H401) Skin Sens. 1 (H317) Aquatic Chronic 2 (H411) Acute Tox. 5 (H303)	No data available
FARNESOL	225-004-1	4602-84-0		1-5%	XI; R36/38, XI; R43;	Skin Sens. 1 (H317) Eye Irrit. 1 (H319) Skin Irrit. 2 (H316)	No data available
LINALOOL	201-134-4	78-70-6		1-5%	XI; R38	Aquatic Acute 3 (H402) Skin Irrit. 2 (H316) Acute Tox. 5 (H303) Flam. Liq. 4 (H227)	No data available
BENZYL ACETATE	205-399-7	140-11-4		1-5%	-	Aquatic Acute 2 (H401) Skin Irrit. 3 (H316) Acute Tox. 5 (H303) Flam. Liq. 4 (H227)	No data available
P-CRESYL METH. ETH	203-253-7	104-93-8		1-5%	XN; R22, XI; R38, R52/53	Aquatic Acute 3 (H402) Eye Irrit. 1 (H319) Skin Irrit. 2 (H316) Aquatic Chronic 3 (H412) Acute Tox. 4 (H302) Flam. Liq. 4 (H227)	No data available

METHYL BENZOATE	202-259-7	93-58-3		1-5%	XN; R22	Skin Irrit. 3 (H316) Acute Tox. 4 (H302) Flam. Liq. 4 (H227)	No data available
ISOEUGENOL	202-590-7	97-54-1		<1	XN; R21/22, XI; R36/38, XI; R43;	Aquatic Acute 2 (H401) Skin Sens. 1 (H317) Eye Irrit. 1 (H319) Skin Irrit. 2 (H316) Acute Tox. 4 (H302) Acute Tox. 4 (H312)	No data available
GERANIOL	203-377-1	106-24-1		<1	XI; R38, XI; R41, XI; R43;	Aquatic Acute 3 (H402) Skin Sens. 1 (H317) Eye Dam. 1 (H318) Skin Irrit. 2 (H315) Acute Tox. 5 (H303)	No data available

For the full text of the R-phrases mentioned in this Section, see Section 16

4. FIRST AID MEASURES

4.1. Description of first aid measures

General advice	If symptoms persist, call a physician
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician. Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing.
Skin contact	Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician. Wash off immediately with soap and plenty of water. Immediate medical attention is not required. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
Ingestion	Do NOT induce vomiting. Drink plenty of water. Immediate medical attention is not required. Rinse mouth. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Call a physician.
Inhalation	Move to fresh air. If symptoms persist, call a physician. Immediate medical attention is not required. Move to fresh air in case of accidental inhalation of vapors or decomposition products.
Self-protection of the first aider	Use personal protective equipment

4.2. Most important symptoms and effects, both acute and delayed

4.3. Indication of any immediate medical attention and special treatment needed

Note to physicians May cause sensitization in susceptible persons. Treat symptomatically.

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable Extinguishing Media

Use Dry chemical Carbon dioxide CO₂ Water spray Alcohol-resistant foam

Extinguishing media which shall not be used for safety reasons

No information available

5.2. Special hazards arising from the substance or mixture

Special Hazard

None

5.3. Advice for firefighters**Special protective equipment for fire-fighters**

As in any fire, wear self-contained breathing apparatus and full protective gear

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid contact with eyes and skin. Remove all sources of ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Pay attention to flashback. Take precautionary measures against static discharges.

See Section 12 for additional Ecological Information

6.2. Environmental precautions

Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. 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.

6.3. Methods and material for containment and cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust)

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Ensure adequate ventilation. Use personal protective equipment as required. Use only in area provided with appropriate exhaust ventilation. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Keep away from heat, sparks and open flame. No smoking. Do not breathe dust/fume/gas/mist/vapors/spray. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors).

7.2. Conditions for safe storage, including any incompatibilities

Keep out of the reach of children. Keep container tightly closed. Keep away from heat and sources of ignition. Keep containers tightly closed in a cool, well-ventilated place. Keep away from heat. Keep in properly labeled containers.

7.3 Specific end use(s)

Exposure scenario N/A

Other Guidelines N/A

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

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

Chemical Name	European Union	The United Kingdom	France	Spain	Germany
BENZYL ACETATE 140-11-4				VLA-ED: 10 ppm VLA-ED: 62 mg/m ³	
Chemical Name	Italy	Portugal	The Netherlands	Finland	Denmark
BENZYL ACETATE 140-11-4		TWA: 10 ppm			TWA: 10 ppm TWA: 61 mg/m ³

Derived No Effect Level (DNEL) No information available

Predicted No Effect Concentration (PNEC) No information available

8.2. Exposure controls

Engineering Controls Ensure adequate ventilation, especially in confined areas

Personal protective equipment

Eye Protection Tightly fitting safety goggles
Hand Protection Protective gloves
Skin and body protection Long sleeved clothing Chemical resistant apron Antistatic boots Impervious gloves
Respiratory protection When workers are facing concentrations above the exposure limit they must use appropriate certified respirators

General Hygiene Considerations When using, do not eat, drink or smoke Wash contaminated clothing before reuse Provide regular cleaning of equipment, work area and clothing

Environmental Exposure Controls Do not allow material to contaminate ground water system

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state	liquid	Appearance	clear
Odor	flower-like	Color	light yellow to brown

<u>Property</u>	<u>Values</u>	<u>Method</u>
pH		No information available
Melting/freezing point		No information available
Boiling point/boiling range		FCC Method
Flash Point	82 °C / 180 °F	Closed cup
Evaporation rate		FCC Method
Flammability (solid, gas)		No information available
Flammability Limits in Air		No information available
Upper flammability limit		
lower flammability limit		
Vapor pressure mm Hg 20°C		No information available
Vapor density		No information available
Relative density		No information available
Specific Gravity @ 25C	0.9080 - 0.9300	FCC Method
Specific Gravity @ 20C	0.911 - 0.933	FCC Method
Refractive Index	1.5030 - 1.5130	FCC Method
Water solubility		No information available
Partition coefficient: n-octanol/water		No information available
Autoignition temperature		No information available
Decomposition temperature		No information available
Viscosity, dynamic		No information available
Explosive properties	No information available	
Oxidizing Properties	No information available	

9.2. Other information

VOC Content(%)	7
Molecular Weight	No information available

10. STABILITY AND REACTIVITY

10.1. Reactivity

10.2. Chemical stability

Stable under normal conditions

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Heat, flames and sparks

10.5. Incompatible materials

No materials to be especially mentioned

10.6. Hazardous decomposition products

None under normal use conditions

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity

Inhalation There is no data available for this product

Eye contact There is no data available for this product

Skin contact There is no data available for this product

Ingestion There is no data available for this product

Acute toxicity 78.4% of the mixture consists of ingredient(s) of unknown toxicity

The following values are calculated based on chapter 3.1 of the GHS document (Rev. 1, 2005):

Oral 1,105.00 mg/kg

Dermal 6,819.00 mg/kg

Chemical Name	Oral LD50	Dermal LD50	LC50 Inhalation
BENZYL BENZOATE	500 mg/kg (Rat)	4000 mg/kg (Rabbit) 4000 mg/kg (Rat)	
BENZYL SALICYLATE	2227 mg/kg (Rat)	14150 mg/kg (Rabbit)	
FARNESOL	6 g/kg (Rat)		
LINALOOL	2790 mg/kg (Rat)	5610 mg/kg (Rat)	
BENZYL ACETATE	2490 mg/kg (Rat)	5 g/kg (Rabbit)	
P-CRESYL METH. ETH	1920 mg/kg (Rat)	5000 mg/kg (Rabbit)	6.1 mg/L (Rat) 4 h
METHYL BENZOATE	1177 mg/kg (Rat)		
ISOEUGENOL	1560 mg/kg (Rat)		
GERANIOL	3600 mg/kg (Rat)	5000 mg/kg (Rabbit)	

Skin corrosion/irritation No information available

Eye damage/irritation No information available

Sensitization No information available

Germ Cell Mutagenicity No information available

Carcinogenicity No information available

Specific target organ systemic toxicity (single exposure)	No information available
Specific target organ systemic toxicity (repeated exposure)	No information available
Target Organ Effects	No information available
Aspiration hazard	No information available

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity effects Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
LINALOOL	88.3: 96 h <i>Desmodesmus subspicatus</i> mg/L EC50	22-46: 96 h <i>Leuciscus idus</i> mg/L LC50 static	20: 48 h <i>Daphnia magna</i> mg/L EC50
P-CRESYL METH. ETH	320: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50 390: 96 h <i>Desmodesmus subspicatus</i> mg/L EC50	46-100: 96 h <i>Leuciscus idus</i> mg/L LC50 static	44.2: 48 h <i>Daphnia magna</i> Straus mg/L EC50

12.2. Persistence and degradability

No information available

12.3. Bioaccumulative potential

No information available

Chemical Name	log Pow
LINALOOL	3.1
BENZYL ACETATE	1.96
P-CRESYL METH. ETH	2.659

12.4. Mobility in soil

No information available

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste from residues / unused products Dispose of in accordance with local regulations

Contaminated packaging Empty containers should be taken to an approved waste handling site for recycling or disposal

Other Information	According to the European Waste Catalogue, Waste Codes are not product specific, but application specific Waste codes should be assigned by the user based on the application for which the product was used
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14. TRANSPORT INFORMATION

IMDG / IMO Not regulated

ICAO/IATA Not regulated

15. REGULATORY INFORMATION

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

WGK Classification

Chemical Name	Germany - Water Classification (VwVwS) - Annex 2 - Water Hazard Classes
LINALOOL 78-70-6	Hazard Class 1
P-CRESYL METH. ETH 104-93-8	Hazard Class 1
METHYL BENZOATE 93-58-3	Hazard Class 1

International Inventories

All of the components in the product are on the following Inventory lists: Canada (DSL/NDSL), Europe (EINECS/ELINCS/NLP).

TSCA	Complies
EINECS/ELINCS	Complies
DSL/NDSL	Complies
PICCS	Complies
ENCS	Complies
IECSC	Complies
AICS	Complies
KECL	Complies

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

PICCS - Philippines Inventory of Chemicals and Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

AICS - Australian Inventory of Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

15.2. Chemical safety assessment

16. OTHER INFORMATION

Risk Combination Phrases

R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

R36/38 - Irritating to eyes and skin

R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

R21/22 - Harmful in contact with skin and if swallowed

Full text of H-Statements referred to under sections 2 and 3

H402 - Harmful to aquatic life H319 - Causes serious eye irritation H316 - Causes mild skin irritation H412 - Harmful to aquatic life with long lasting effects H302 - Harmful if swallowed H227 - Combustible liquid H317 - May cause an allergic skin reaction H318 - Causes serious eye damage H315 - Causes skin irritation H303 - May be harmful if swallowed H401 - Toxic to aquatic life H411 - Toxic to aquatic life with long lasting effects H312 - Harmful in contact with skin

Revision Date 03-Jun-2016
Revision Note Not applicable.
Revision# 1.03

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

WARNING/DISCLAIMER:

This ingredient(s) has not been tested, nor has it been deemed safe, for inhalation or use in electronic smoking devices electronic nicotine delivery systems, electronic cigarettes or other similar devices (collectively "E-Cigarettes"). In supplying this ingredient, Crafter's Choice Brands, LLC instructs, and by receiving this ingredient recipient confirms, that this ingredient will not be used in connection with the manufacture and distribution of E-Cigarettes or any component thereof.

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.