

SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200

Product: Clove Bud Oil, Indonesia

Version: 1

1. IDENTIFICATION

Product Identifier

Product identifier: Clove Bud Oil; CAS: 8000-34-8

Other identifiers: Clove Bud Oil, Indonesia EugCar2 Eugenia caryophyllata

Recommended use of the chemical and restrictions on use

Product uses: Essential Oil

Supplier Details

Company name: Artisan Aromatics

Company address: 1708 Lena Street, #103

Santa Fe, NM 87505

Contact: Stephanie Ariel

hello@artisanaromatics.com

E-Mail address:

Company phone: 505-231-9439

Emergency telephone number

Emergency phone: ChemTel: 1-800-255-3924 (Domestic)

2. HAZARD IDENTIFICATION

Classification

This product is classified under 29CFR 1910.1200(d) as follows:

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Class and category of Eye Damage / Irritation Category 2

danger: Sensitization - Skin Category 1

Signal word: Warning

Hazard statements: May cause an allergic skin reaction.

Causes serious eye irritation.

M factor: None

Pictograms:



Precautionary statements:

Avoid breathing vapour or dust.

Wash hands and other contacted skin thoroughly after handling.

Contaminated work clothing should not be allowed out of the workplace.

SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200

Product: Clove Bud Oil, Indonesia

Version: 1

Wear protective gloves/eye protection/face protection.

IF ON SKIN: Wash with plenty of soap and water.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If skin irritation or rash occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

Wash contaminated clothing before reuse.

Dispose of contents/container to approved disposal site, in accordance with local regulations.

Hazards not otherwise classified (HNOC) None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances

Product identifier: Clove Bud Oil; CAS: 8000-34-8

Contains:

Name	CAS	%	GHS Classification
Eugenol	97-53-0	50-100%	Eye Irrit. 2A-Skin Sens. 1B;H317-H319
Eugenyl acetate	93-28-7	10-<20%	Acute Tox. 4;H302
beta-Caryophyllene	87-44-5	1-<5%	Skin Sens. 1B-Asp. Tox 1;H304-H317
alpha-Humulene	6753-98-6	0.1-<1%	Skin Sens. 1B-Asp. Tox 1;H304-H317
trans-Isoeugenol	5932-68-3	<0.1%	Acute Tox. 4-Acute Tox. 4-Acute Tox. 4-Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1A-STOT SE 3;H302-H312-H315-H317-H319-H332-H335

The exact percentage concentrations of components are being withheld as a trade secret.

4. FIRST-AID MEASURES

Description of first aid measures

Inhalation: Remove from exposure site to fresh air, keep at rest, and obtain medical attention.

Eye exposure: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Skin exposure: IF ON SKIN: Wash with plenty of soap and water.

Ingestion: Rinse mouth with water and obtain medical attention.

Most important symptoms and effects, both acute and delayed

May cause an allergic skin reaction.

Causes serious eye irritation.

Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically

SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200

Product: Clove Bud Oil, Indonesia

Version: 1

5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

Specific hazards arising from the chemical

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

Protective Equipment and Precautions for Firefighters

In case of insufficient ventilation, wear suitable respiratory equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

Methods and material for containment and 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.

7. HANDLING AND STORAGE

Precautions for safe handling:

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.

Conditions for safe storage, including any incompatibilities:

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

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.

Other exposure guidelines

No information available

Exposure controls

Engineering measures

SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200

Product: Clove Bud Oil, Indonesia

Version: 1

Showers, eyewash stations, ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/Face and Skin Protection

Wear protective gloves/eye protection/face protection, and suitable protective clothing

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. A NIOSH-approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air-purifying respirators is limited. Use a positive pressure, air-supplied respirator if there is any potential for uncontrolled release, exposure levels are not known or any other circumstances where air-purifying respirators may not provide adequate protection.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and chemical properties

Appearance:	Not determined
Odor:	Not determined
Odor threshold:	Not determined
pH:	Not determined
Melting point / freezing point:	Not determined
Initial boiling point / range:	Not determined
Flash point:	239 °F / 115 °C
Evaporation rate:	Not determined
Flammability (solid, gas):	Not determined
Upper/lower flammability or explosive limits:	Product does not present an explosion hazard
Vapor pressure:	Not determined
Vapor density:	Not determined
Relative density:	Not determined
Solubility(ies):	Not determined
Partition coefficient: n-octanol/water:	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	Not determined
<u>Other information:</u>	None available

SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200

Product: Clove Bud Oil, Indonesia

Version: 1

10. STABILITY AND REACTIVITY

Reactivity:

Presents no significant reactivity hazard, by itself or in contact with water.

Chemical stability:

Good stability under normal storage conditions.

Possibility of hazardous reactions:

Not expected under normal conditions of use.

Conditions to avoid:

Avoid extreme heat.

Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

Hazardous decomposition products:

Not expected.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute Toxicity:

Acute Toxicity Oral	Based on available data the classification criteria are not met. 2493
Acute Toxicity Dermal	Not Applicable
Acute Toxicity Inhalation	Not Available

Skin corrosion/irritation:

Based on available data the classification criteria are not met.

Serious eye damage/irritation:

Eye Damage / Irritation Category 2

Respiratory or skin sensitisation:

Sensitization - Skin Category 1

Germ cell mutagenicity:

Based on available data the classification criteria are not met.

Carcinogenicity:

Based on available data the classification criteria are not met.

Reproductive toxicity:

Based on available data the classification criteria are not met.

STOT-single exposure:

Based on available data the classification criteria are not met.

STOT-repeated exposure:

Based on available data the classification criteria are not met.

Aspiration hazard:

Based on available data the classification criteria are not met.

Additional Information

None available

12. ECOLOGICAL INFORMATION

Ecotoxicity:

Not available

Persistence and degradability:

Not available

SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200

Product: Clove Bud Oil, Indonesia

Version: 1

Bioaccumulative potential: Not available

Mobility in soil: Not available

Other adverse effects: Not available

13. DISPOSAL CONSIDERATIONS

Waste treatment

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION

	14.1 UN number:	14.2 UN Proper Shipping Name:	14.3 Transport hazard class(es):	Sub Risk:	14.4. Packing Group:
UN Model Regulations	None	-			-
US DOT	None	-			-
US DOT (Bulk)	None	-			-
IMDG	None	-			-
ADR,RID,ADN	None	-			-
ICAO TI	None	-			-

US DOT refers to domestic transport by road/rail within the 48 ground states

US DOT (Bulk) refers to domestic bulk transport by road/rail within the 48 ground states.

Environmental hazards: Not environmentally hazardous for transport

Special precautions for user: None additional

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not classified

15. REGULATORY INFORMATION

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

None additional

Additional information

None additional

16. OTHER INFORMATION

SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200

Product: Clove Bud Oil, Indonesia

Version: 1

Key to revisions:

Not applicable

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.

Sample Information

Analyzed by : J. Scalf
 Analyzed : 09/20/2022 5:02:42 PM
 Sample Type : Essential Oil
 Sample Name : EugCar2
 Injection Volume : 0.10 µL
 Lot Number : L0F0919P
 Instrument ID : GC-4

Peak Report TIC

R.Time	Name	Area%
23.256	Phenethyl alcohol	0.01
28.756	Methyl salicylate	0.03
32.771	Chavicol	0.07
39.241	alpha-Cubebene	0.02
39.718	Eugenol	81.01
41.124	alpha-Copaene	0.09
42.669	Methyleugenol	0.02
43.919	beta-Caryophyllene	4.24
46.156	alpha-Humulene	0.64
47.186	trans-Cadina-1(6),4-diene	0.02
49.197	trans,trans-alpha-Farnesene	0.02
49.810	Eugenyl acetate	13.40
50.010	delta-Cadinene	0.10
50.204	trans-Calamenene	0.03
52.176	Unidentified	0.04
53.393	Caryophyllene alcohol	0.01
53.768	Caryophyllene oxide	0.16
55.387	Humulene epoxide II	0.01
56.932	Caryophylla-4(12),8(13)-dien-5-beta-ol	0.02
57.979	Unidentified	0.02
59.533	Unidentified	0.04
		100.00

Chromatogram EugCar2

