

SAFETY DATA SHEET (SDS)

Version 2.0

Revision Date : May 24, 2016

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1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Clove Bud (Indonesia) Essential Oil

Botanical name : Syzygium aromaticum

Synonyms : Eugenia Caryophyllus

FEMA : 2323

CAS # : 8000-34-8

Country of Origin : Indonesia

Product use : Domestic and Industrial

Supplier : Canwax

Address : 114 Lindgren Rd W. Unit 1B Huntsville, ON P1H 1Y2

Fax :

Telephone number : 705-789-1002

Emergency phone number : (613)-996-6666 CANUTEC 24 HOUR EMERGENCY

2. HAZARDS IDENTIFICATION**Emergency Overview****GHS Label elements, including precautionary statements**

Signal : Danger

Hazard statement(s)

H302 Harmful if swallowed

H332 Harmful if inhaled

H315 Causes skin irritation

H314 Causes severe skin burns and eye irritation

Precautionary statement(s)

P280 Wear protective gloves/ protective clothing.
P301,P310 IF SWALLOWED: Immediately call POISON CONTROL.
P302, 353 IF ON SKIN: Wash with plenty of soap and water.
P305, P338, P351 IF IN EYES: Rinse cautiously with water for several minutes.
. Remove contact lenses, if present and easy to do – continue rinsing.

HMIS Classification & Potential Health Effects

NFPA Ratings

Health : 0, Flammability : 1, Reactivity : 0, Specific hazard : N/F

Inhalation

May be harmful if inhaled. Causes respiratory tract irritation

Skin

May be harmful if absorbed through skin. Causes skin irritation.

Eyes

Causes eye irritation

Ingestion

Maybe harmful if swallowed

3. COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
Eugenol			80-90%

4. FIRST AID MEASURES

Eye contact

Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.

Skin contact

Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention.

Inhalation

If inhaled, removed to fresh air. Get medical attention if symptoms appear.

Ingestion

Rince Mouth. Seek medical attention or contact local poison control center.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Foam. Dry Powder. Carbon dioxide.

Unsuitable extinguishing media Water spray, water jet.

Special protective equipment and precautions for fire-fighters

Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

Special hazards arising from the substance or its combustible products

Hazardous decomposition products may be formed at extreme heat or if burned.

Resulting gases Carbon oxides.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures.**

Equip clean crew with proper protection. Respiratory protection equipment may be necessary.

Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

Methods and materials for containment and cleaning up

Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers.

7. HANDLING AND STORAGE**Precautions for safe handling**

Store away from food stuffs. No direct lighting. No smoking. Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety procedures.

Conditions for safe storage, including any incompatibilities

Provide local exhaust or general room ventilation to minimize dust and/or vapour concentrations. Keep container closed when not in use.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**Eyes**

Use tightly sealed goggles.

Skin

If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.

Respiratory

Avoid casual breathing. In case of insufficient ventilation, wear suitable respiratory equipment.

Ingestion

Not for ingestion.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Yellow to amber liquid.
Odor	:	Spicy floral carnation smokey
Flash point	:	> 100 °C
Relative density	:	1.0380 to 1.0600 @ 20degC
Solubility (ies)	:	Soluble in alcohol and oils. Insoluble in water.
Refractive index	:	1.5270 to 1.5350 @ 20degC

10. STABILITY AND REACTIVITY**Reactivity**

This material presents no significant reactivity hazard.

Chemical stability Chemically stable.

Possibility of hazardous reactions

Hazardous polymerization will not occur.

Conditions to avoid

N/F

Incompatible materials

N/F

11. TOXICOLOGICAL INFORMATION**Carcinogenicity**

None of the components of this material are listed as a carcinogen.

Inhalation

Liquid may cause irritation if inhaled

Skin contact

Liquid may cause irritation to skin

Eye contact

Liquid may cause irritation to eye

Ingestion

Liquid may cause irritation if ingestion occurs

12. ECOLOGICAL INFORMATION

Persistence and degradability

Not available.

13. DISPOSAL CONSIDERATION

Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

14. TRANSPORT INFORMATION**US DOT Shipping Description (Land)**

Not regulated.

IMO-IMDG Shipping Description (Sea) Not regulated.

IATA Shipping Description (Air) Not regulated.

15. REGULATORY INFORMATION**WHMIS Classification**

Not Regulated.

16. OTHER INFORMATION

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