

MATERIAL SAFETY DATA SHEET



Handling Procedures :

Use personal protective equipment. avoid contact with skin and eyes. avoid inhalation of vapour or mist. keep away from sources of ignition.

Product Name;

HS Code - 3301.29

Ceylon Clove stem Essential oil

Origin:

- Obtain by steam distillation of stem closer to the flower buds *Syzygium aromaticum*
- FEMA No: 2328
- CAS No : 8015-98-3

Product Description :

- Clove essential oil is typically steam-distilled from the flower buds of the clove tree. It has an intensely warm, spicy, sweet, and pungent aroma.

Chemical Composition:

Compounds	CAS No
eugenol	97-53-0
eugenyl acetate	93-28-7
β -caryophyllene	87-44-5

Physical data:

- Appearance : clear pale yellow colour viscous oil having characteristic clove aroma
- Flash point : 93.3 °C
- Solubility in H₂O : insoluble
- Explosion limit : NOT EXPLOSIVE

Storage conditions:

- Store in cool place, keep container tightly closed in a dry and well-ventilated place. containers which are opened must be carefully resealed and kept upright to prevent leakage.
- Keep away from heat sources and protected from light.

Hazard Identification :

- Eye Contact : Causes serious eye irritation
- Skin Contact : May cause an allergic skin reaction
- Ingestion : May cause irritation

First Aid Measures :

- Eyes : Flush with plenty of water or eye wash
- Skin : Wash off with soap and water.
- If breathed in, move person into fresh air.

Fire Explosion and Reactivity Data :

- Extinguishing Media : use CO₂, Dry powder or foam type extinguishers, spraying extinguishing media to base of flames. do not use direct water jet on burning material..
- Extinguishing procedure : Closed containers may build up pressure when exposed to heat and should be cooled with water spray
- our other products : Ceylon Cardamom essential oil, Ceylon Black pepper essential oil, Ceylon Nutmeg essential oil, Ceylon cinnamon essential oil

Stability and Reactivity :

- Stability : No significant reactivity hazards, by itself or in contact with water reported.
- Carcinogenicity : Not reported

Ecological information :

- Environmental Precautions : Keep away from drains, surface and ground water.
- waste disposal : Dispose of in accordance with local, provincial and federal regulations.

Transport regulations :

- Land Transport : US DOT - Non - Hazardous.
- Maritime Transport : IMDG - Not regulated
- Air Transport : IATA - Not regulated

• **Prepared by : Ariyans Holdings (Pvt) Ltd**

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- **Disclaimer : The informations provided are based on current knowledge and are intended for general guidance.**

