

MATERIAL SAFETY DATA SHEET



Product Name;

HS Code - 3301.29

Ceylon Black Pepper Essential oil

Origin:

- Obtain by steam distillation of *piper nigrum* berries
- FEMA No: 2845
- CAS No : 8006-82-4
- EI NECS : 84929-41-9

Product Description :

- Sri Lankan-grown pepper is often prized for its high content of volatile oil and the pungent compound, piperine.

Chemical Composition:

Compounds	CAS No
β -caryophyllene	87-44-5
α -pinene	80-56-8
β -pinene	127-91-3
Limonene	5989-27-5

Physical data:

- Appearance : Colourless viscous oil with peppery odour
- Flash point : 85 °C
- Solubility in H₂O : Insoluble
- Solubility in Ethanol : One volume of oil shall be soluble in 1.5 volumes of 70% (v/v) ethanol at 26 °C to give clear solution
- 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.



Handling Procedures :

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

Hazard Identification :

- **Eye Contact** : Causes serious eye irritation
- **Skin Contact** : May cause an allergic skin reaction
- **Ingestion** : May be harmful if swallowed and enters airways

First Aid Measures :

- **Eyes** : Flush with plenty of water or eye wash
- **Skin** : Wash off with soap and water.
- **Ingestion** : Don't induce vomiting, rinse mouth with water if breathed in, move person into fresh air.

Fire Explosion and Reactivity Data :

- **Extinguishing Media** : Use water spray, alcohol- resistant foam, dry chemical or carbon dioxide.
- **Unusual Fire and Explosion Hazards** : Not Specification
- **Hazardous Combustion** : Carbon dioxide/ Monoxide
- **our other products** : Ceylon Cinnamon essential oil, Ceylon Cardamom essential oil, Ceylon Nutmeg essential oil, Ceylon clove essential oil

Stability and Reactivity :

- **Stability** : No significant reactivity hazards, by itself or in contact with water reported.
- **Carcinogenicity** : No, approved by the FDA for medicinal use, GRAS.

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

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

