

MATERIAL SAFETY DATA SHEET

Eugenol (more than 99% pure)



1. IDENTIFICATION OF THE PRODUCT COMPANY

Product Name	Pure Eugenol Oil
Product Use	Aromatic Raw Material For Professional Use
Company Name	CV. Dynasty Group
Company Addres	Jl. Beskalan No. 504 Ngupasan, Gondoman, Yogyakarta
Emergency telp. number	+62 274 561116

2. HAZARDS IDENTIFICATION

R38 – Irritating to skin (Hazard Code: Xi Irritant)

3. COMPOSITION

Composition	100% Essential Oil
CAS No.	97-53-0

4. FIRST AID MEASURES

First Aid - Eyes	Irrigate copiously with water for at least 10minutes If irritation persists obtain medical advice
First Aid - Skin	Wash affected area with plenty of water Remove contaminated clothing Seek medical advice if irritation persists
First Aid - Indigestion	Rinse mouth with water Obtain medical advice immediately
First Aid - Inhalation	Remove the individual to fresh air. Obtain medical advice
General Aid	Seek medical advice if necessary

5. FIRE FIGHTING MEASURES

Extinguishing media carbon dioxide, dry powder, and foam. Do not use water.

6. ACCIDENT RELEASE MEASURE

- A. Personal precautions
- B. Environmental precautions
 - Do not discharge into drains / surface waters / groundwater. Do not allow entry to soil.
- C. Cleaning up methods
 - Soak up in absorbent material e.g. Sand
 - Do not use combustible material such as sawdust for soaking up spillage
- D. Disposal
 - Use a registered waste contractor. Be aware of your local regulations

7. HANDLING AND STORAGE

Handling	Ensure area is well ventilated. Avoid direct inhalation. Avoid contact with skin or eyes. Rags used for wiping up spills should be disposed of promptly, as cases of rags spontaneously combusting are known of. Handle and open container with care.
Storage	Store in full dry airtight containers away from sources of heat and light. Avoid sources of ignition

8. TOXICOLOGICAL INFORMATION
Oral LD50 (from Literature) >2650mg/kg (rat).

9. PHYSICAL AND CHEMICAL PROPERTIES

Color and Appearance	Colourless to pale yellow
Odour	Spicy and pungent taste and odor of cloves
Refractive Index	1.541
Relative Density	1.058-1.068
Spesific Gravity	1.0664
Boiling Point	255°C
Melting Point	9,2°C - 9,1°C

10. ECOLOGICAL INFORMATION
Prevent contamination of soil, ground, and surface water.

11. DISPOSAL
No special methods are necessary but disposal should comply with local regulations. Avoid disposing into drainage systems and the environment.

12. REGULATORY INFORMATION
Classified as irritant. Hazard symbol Xi.

13. OTHER INFORMATION
The information in this MSDS is prepared from the best knowledge available to us. We do not accept any liability for loss, injury, or damage, which may result from its use.

14. TRANSPORT INFORMATION

Road and Rail Transport	Not Classified as Dangerous Goods for transport Road and Rail. NON-DANGEROUS GOODS
Marine Transport	Not Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (M DG) for transport by sea (NON-DANGEROUS GOODS)
Air Transport	Not Classified as Dangerous Goods by the criteria of the international Air Transport Assosiation (IATA) Dangerous Goods Regulations for transport by air

15. REGULATORY INFORMATION

Regulations spesific for the substance or mixture	No Available Data
Chemical safety assesment	No Available Data

16. ADDITIONAL INFORMATION
No Additional Information