



eugeniacoid

**Alibaba**

**Indotrading** indonetwork

dynasty group



eugenia.co.id



**CV. Dynasty Group**

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## COMPANY PROFILE



### **Company Name: CV. Dynasty Group**

We are producing and exporting high quality of Eugenol C<sub>10</sub>H<sub>12</sub>O<sub>2</sub> (from Clove Bud Oil). Our Eugenol USP is more than 99% pure, food grade. We run a distillery plant in Indonesia, specialized in clove oils.

Our first experiment of processing cloves and producing oils started in 1970. We manufacture only from the best selected raw products to produce the highest quality products. Main processing facilities are employed for steam distillation of essential oils and production of Eugenol.

Our 99% pure Eugenol has already been scientifically proven at the University of Arkansas and the Ohio State University's Chemical lab using GC-MS test in Columbus, Ohio – USA. GC-MS test is also done in Singapore, which shows the product contains Iso-Eugenol.

Our commitment is to bring the best quality products and services to our customers around the world.

# PRODUCT SPECIFICATION

## A. Product:

Eugenol USP

## B. Specification:

1. Grade/Purity

Food / Dental Grade (More than 99.9% pure Eugenol)

2. Synonyms

Eugenic Acid, Cryophilic Acid

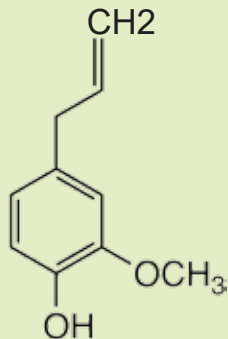
3. Chemistry Name

2-methoxy-4-(2-propenyl)phenol or 4allyl-2-methoxyphenol

4. Empirical Formula

C<sub>10</sub>H<sub>12</sub>O<sub>2</sub>

5. Structure Formula



6. Molecular Weight

164

7. Physical State

Mobile Liquid

8. Flash Point

100



# PRODUCT SPECIFICATION

## C. Classification:

1. CAS No.	97-53-0
2. Food and Dental Grade Femma No.	2467
3. NAFTA/HS No.	2909.50.4010
4. EINECS Code	202-589-1
5. FDA No.	184.1257

## D. Typical Properties:

1. Appearance	Colourless to pale yellow
2. Odor	Spicy and pungent taste and odor of Cloves
3. Eugenol Purity is detected by GC-MS	More than 99.9% pure
4. Relative Density (25/25°C)	1.058-1.068
5. Specific Gravity at 20°C	1.0664
6. Refractive Index at 20°C	1.5410
7. Boiling Point	255°C
8. Melting Point	9.2 °C - 9.1 °C
9. Soluble In (20°C)	Alcohol, Chloroform, Ether, Glacial, Volatile Oil
10. Insoluble In	Water
11. Safety (refer to MSDS)	Non-Hazardous Substance



# MATERIAL SAFETY DATA SHEET

## 1. HAZARDS IDENTIFICATION

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

## 2. FIRST AID MEASURES

### A. First Aid – Eyes:

Irrigate copiously with water for at least 10minutes.

If irritation persists obtain medical advice.

### B. First Aid – Skin:

Wash affected area with plenty of water.

Remove contaminated clothing.

Seek medical advice if irritation persists.

### C. First Aid – Indigestion:

Rinse mouth with water. Obtain medical advice immediately.

### D. First Aid – Inhalation:

Remove the individual to fresh air. Obtain medical advice.

### E. General Aid:

Seek medical advice if necessary.

## 3. FIRE FIGHTING MEASURES

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

## 4. 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.

## 5. HANDLING AND STORAGE

### A. 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.

### B. Storage

Store in full dry airtight containers away from sources of heat and light. Avoid sources of ignition.

# MATERIAL SAFETY DATA SHEET

## 6. EXPOSURE CONTROLS / PERSONAL PROTECTION

A. Respiratory Protection In well-ventilated areas respiratory protection is not normally required. In confined, poorly ventilated area respiratory protection may be necessary.

### B. Hand Protection

Wear impervious gloves.

### C. Eye Protection

Wear eye protection. E.g. safety glasses/goggles.

## 7. STABILITY AND REACTIVITY

### A. Stability

Stable at ambient temperatures.

### B. Conditions to avoid

a. Avoid sources of ignition.

b. Avoid temperatures in excess of 25°C.

c. Avoid excessive contact with air (darkens & thickens on exposure to air).

### C. Material to avoid

Strong acids and / or alkalis oxidizing agents.

D. Hazardous decomposition products Carbon monoxide and unidentified organic compounds may form during combustion.

## 8. TOXICOLOGICAL INFORMATION

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

## 9. ECOLOGICAL INFORMATION

Prevent contamination of soil, ground, and surface water.

## 10. DISPOSAL

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

## 11. REGULATORY INFORMATION

Classified as irritant. Hazard symbol Xi.

## 12. 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.

# CERTIFICATE OF ANALYSIS SHEET

Product: 99% Pure Eugenol  
Origin: Indonesia  
Lot #: A2707/19  
Date: 27 Juli 2019  
Expiration Date: 27 Juli 2024  
Grade: dental

Product Information  
Extraction method: distillation

Analysis Specification  
Appearance: pale yellow oil  
Odor: Characteristic of clove bud -- spicy  
Test method: the sample was analyzed using  
Gas Chromatography and Mass Spectrometry method

Results  
Eugenol: 99%  
Specific gravity: 1.045 g/ml  
Refractive index: 1.529



# OUR PRODUCTS



Pharmaceuticals  
Cosmetics  
Flavour & Fragrances  
Chemicals  
Tobacco  
Vegetable Pesticides  
Edible Coating / Film



Antimicrobial  
Antifungal  
Antiviral



Anti-aging  
Gangguan pernafasan/flu  
Antivirus / bakteri / fungal  
Mencegah radang / infeksi  
Mengobati sakit gigi  
Meredakan stress  
Mengatasi jerawat / bisul  
Pereda nyeri  
Meringankan gatal-gatal



Toothache  
Mouthwash  
Pain Relief  
Canker Sore



Sakit Kepala / Pusing  
Nyeri Otot & Sendi  
Sakit Punggung  
Masuk Angin / Migrain  
Memberi Rasa Hangat  
Aromatherapy



Anti Bacterial  
Antiseptic  
Disinfectant



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*eugenia*  
**CLOVE**

99% PURE EUGENOL



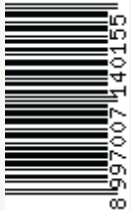
10 ML / 0,34 FL. oz  
POM QD. 113 610 271

**Mencegah dan mengatasi :**

Anti-aging, gangguan pernafasan/flu, virus/bakteri, radang tenggorokan, sakit gigi, gigi berlubang, stress, jerawat/bisul, nyeri, ruam akibat gigitan serangga.

Aman digunakan untuk dewasa & anak diatas 2 tahun.

Batch No.



**Komposisi (per 100ml) :**

Eugenol 99% pure, therapeutic-grade.

Simpan pada suhu dibawah 30°C.



CV. Dynasty Group

Made in Indonesia

# SUPPORTING DATA



Campus Chemical  
Instrument Centre  
Mass Spectrometry Facility

107 West 10th Avenue  
43210 Columbus, OH 43210  
Phone: 614-292-4811  
FAX: 614-292-8998  
Website: [www.ohio-state.edu/ccic](http://www.ohio-state.edu/ccic)

May 9, 2009

Missile Whover  
1811 Lafayette Place  
Apt. 138  
Columbus, OH 43212

Dear Mr. Whover:

While we do not run a laboratory certified for commercial quantification, I can do a preliminary analysis with making an official statement of what we did and our results. On April 7, 2009, I performed GC/MS using our Finnigan Trace 2000 GC/MS system for the analysis of the amber colored sample of eugenol that you had brought in. The sample was injected using a manual wet needle technique with a high split ratio using a splitless injector at 240C. I used a Restek HTNS-MK 15-meter 0.32mm ID 1 micron film capillary GC column. The GC program started at 45C, held for four minutes, and went up to 200C at 15C per minute. The final temperature was held at 200C for an additional 7 minutes.

The mass spectrometer run was started at three minutes into the GC run which is just after the air peak elutes. The mass spectrometer was scanned at a rate of 2.7 scans per second from mass 27 through 265. Under these conditions eugenol eluted at 9.77 minutes. The signal from eugenol was still so intense that it saturated the mass spectrometer ion detector for the five scans across about 30% of the maximum signal recorded.

Inspection of the GC/MS results showed no signal detectable from the sample except eugenol. Down below 0.1% of the intensity of the eugenol peak is a series of silanate peaks both sharp and diffuse that are characteristic of septum and column bleed. These weak signals are all method artifacts. No compounds, other than the eugenol, could be detected from your sample.

This result indicates that eugenol accounts for more than 99.9% of the signal detected by GC/MS. Please keep in mind that these conditions would not allow us to detect molecules lighter than mass 27, which includes water or ammonia. Also, only molecules volatile at 240C in the GC injector could possibly be detected. I do not know what the amber color is, but I would characterize this sample as very pure eugenol.

Sincerely,

Johnnie Brown, PhD  
Associate Director of Mass Spectrometry



UNIVERSITAS GADJAH MADA  
FAKULTAS MATEMATIKA DAN ILMU PENGETAHUAN ALAM  
LABORATORIUM KIMIA ORGANIK  
Sekip Utara, Yogyakarta 55281 telp./fax [0274] 563467, 902122  
e-mail : [chemistry-ko@ugm.ac.id](mailto:chemistry-ko@ugm.ac.id)

Nomor : 725/Ins/X/2019

Hal : Analisis Minyak Eugenol  
Lampiran : Kromatogram GC

Kepada Yth : CV. Dinasty Group  
Jl. Boskalan No.504  
Yogyakarta

Dengan Hormat,

Sesuai dengan permohonan tentang analisis Minyak Atsiri Eugenol dengan metode analisis Alat : Analisis menggunakan alat GC (Shimadzu, QP, 2010 S) dengan kolom HP 5, length 30 m, Dia. 0.25 mm, rf. 0.25 mm. maka berikut kami sampaikan hasil analisis yang telah dilakukan.

## Kadar Eugenol dalam Sampel 99,565%

Apabila ada hal yang meragukan tentang hasil analisis ini, mohon segera menghubungi kami dalam waktu selambat-lambatnya 7 hari kerja.

Demikian hasil analisis yang dapat kami sampaikan dan atas kerjasamanya diucapkan terimakasih.

Yogyakarta, 4 Oktober 2019  
Kepala Lab. Kimia Organik

Fala Suci Juliana, Ph.D

# CERTIFICATE OF HALAL

## GENERAL HALAL QUESTIONNAIRE

### Notes to Respondent:

1. The General Halal Questionnaire (hereinafter "Questionnaire") has to be duly completed by the manufacturer of a product to be approved by the Majlis Ugama Islam Singapura (MUIS), also known as the Islamic Religious Council of Singapore.
2. The purpose of this Questionnaire is to assess the suitability of a product to be used by MUIS Halal applicants/certificate holders.
3. This Questionnaire has to be endorsed and signed by a management representative, preferably someone with a scientific background, of the manufacturing company.
4. This Questionnaire has to be completed and submitted to MUIS, together with the product specification AND process flow sheet. All information given to MUIS will be kept in strictest confidence.
5. MUIS reserves the right to disapprove the use of a product if the information in this Questionnaire or any other documents required are incomplete, inaccurate and/or found not to comply with the Syariah Law, MUIS' Fatwa, Singapore Mufti Standards and/or Mufti Halal Certification Terms & Conditions.
6. For any clarifications on this Questionnaire, please contact MUIS:

Halal Certification Strategic Unit  
Majlis Ugama Islam Singapura  
Singapore Islamic Hub  
273 Bras Basah Road  
Singapore 570700

Tel : +65-6256 6166  
Fax : +65-6256 4730  
Email : info@muis.gov.sg  
URL : www.muis.gov.sg (or) www.halal.sg

## GENERAL HALAL QUESTIONNAIRE

### Product Details

Description of Product	: Engine
Brand Name of Product	: N/A
Material of Product	: Engine

### Manufacturer Details

Name of Company	: Cx. Dynamic Group
Address of Head Office	: J. Ulu Subang, 28, Tropicana 55200
Address of Factory	: J. Serdang Rd, 564, Tropicana 51522
Nature of Business	: Manufacturing and Distribution
Name of Contact Person	: Muhammad Hakeem Bin Akhbar
Contact Details	: +62 274 512663 (Office) / +62 274 953219 (Hand) / hakeem@cx.com (Email) / N/A (WhatsApp)

### Customer Details

(Fields of the company, specifically a MUIS Halal applicant / certificate holder, which intends to procure a product from the manufacturer/manufacturer)

Name of Company	: Symon Asia Pte Ltd
Address of Company	: 8A Admiralty Street # 07-12, 13, & 14 Financial Exchange @Admiralty Singapore 757421

### Declaration

I hereby declare that all the above information supplied by me and supporting documents, to the best of my knowledge and belief, are true and that I have not willfully suppressed any material facts which are requested for in this Questionnaire.

M. Hakeem Bin Akhbar  
(Operational Manager)  
Name / Designation

  
Signature

Note:  
Please stamp the company seal





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# THANKS A MILLION

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