

SAFETY DATA SHEET

GHS: According to 2015/830/EU

Code Number p075 Version 1 Revised 16 Oct 2026

This document is generated by calculation based on the ingredients present in the formula. The information contained herein is, to the best of our knowledge, true and accurate at the date of issue. It is provided to the customer for information and internal use only. It is not a confirmation of compliance and it is customer responsibility to perform his own evaluation on the product, including with respect to end-use application.

Section 1. Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier

Product Name	Eugenol (9th perfume)
Code Number	p075
Alternative Name	4-Allyl-2-methoxyphenol / 2-Methoxy-4-(prop-2-en-1-yl)phenol / Eugenol FCC
CAS No	97-53-0
EINECS No	202-589-1
REACH Reg No	Not registered

1.2 Relevant identified uses of the substance or mixture and uses advised against

Concentrated material for manufacturing purposes only

1.3 Details of the supplier of the safety data sheet

Company	iguana Inc.
Address	1687-5 Kojima-cho, Moriyama-shi, Shiga 524-0002, Japan
Telephone Number	Tel No. 090-4001-4668
Email Address	masaki@iguana.xsrv.jp

1.4 Emergency Tel No

Emergency No. 090-4001-4668 (Contact: Masaki)

Section 2. Hazard Identification

2.1 Classification of the substance or mixture

Eye Irrit. 2	Eye damage / irritation, category 2
Skin Sens. 1	Sensitisation - skin, category 1

2.2 Label elements

GHS classification according to Regulation (EC) No 1272/2008

Pictogram: GHS07 (Exclamation mark)

Signal Word: Warning

Hazard Statements

H317 May cause an allergic skin reaction

H319 Causes serious eye irritation

Precautionary Statements

P261 Avoid breathing vapour or dust.

P264 Wash hands and other contacted skin thoroughly after handling.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves/eye protection/face protection.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

P363 Wash contaminated clothing before reuse.

P501 Dispose of contents/container to approved disposal site, in accordance with local regulations.

Contains Eugenol, which appears on the EU list of declarable fragrance allergens (Regulation (EC) No 1223/2009).

Declaration is required where the concentration in the finished product exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

2.3 Other Hazards

Hydrocarbon concentration: 0.0000%. No further information available at this time.

Section 3. Composition / information on ingredients

Any percentage values listed here for hazardous components are for illustrative purposes only

3.1 Substances

CAS / EINECS	Chemical Name, Classification and Hazards	Conc (%)
97-53-0 202-589-1	Eugenol (4-Allyl-2-methoxyphenol) Acute Tox. 5 / Skin Irrit. 3 / Eye Irrit. 2A / Skin Sens. 1B / Aquatic Acute 2 H303 - H316 - H317 - H319 - H401	100%

Refer to section 16 for the wording of listed classification and hazard statement codes

Section 4. First Aid measures

4.1 Description of first aid measures

After inhalation

Remove from the exposure area to fresh air. Contact a doctor if necessary. Take phrases in section 2 into account.

After skin contact

IF ON SKIN: Wash with plenty of soap and water. Remove contaminated clothing and wash before reuse. If skin irritation or rash occurs, get medical advice/attention.

After eye contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

After ingestion

Rinse mouth with plenty of water and obtain medical advice immediately.

4.2 Most important symptoms and effects, both acute and delayed

May cause an allergic skin reaction. Causes serious eye irritation.

4.3 Indication of immediate medical attention and special treatment needed

None expected. See section 4.1 for further information.

Section 5. Fire-fighting measures

5.1 Extinguishing Media

Carbon dioxide, foam or dry powder.
DO NOT USE A DIRECT WATER JET.

5.2 Special hazards arising from the substance or mixture

In case of fire, may be liberated: carbon monoxide, carbon dioxide and unidentified organic compounds.

5.3 Advice for fire-fighters

Wear protective clothing and avoid inhalation of vapours. In case of insufficient ventilation, wear suitable respiratory equipment. Keep containers cool with water spray.

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition. Avoid inhalation, skin and eye contact. Ensure proper ventilation. See protective measures under sections 7 and 8.

6.2 Environmental precautions

Do not discharge directly into drains or the soil. Keep away from surface and ground water.

6.3 Methods and material for containment and cleaning up

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Soak up spillage with sand or other inert absorbent material such as earth or vermiculite; transfer used material to a suitable waste container and dispose in accordance with regulations.

6.4 Reference to other sections

Refer to information in Sections 7, 8 and 13.

Section 7. Handling and storage

7.1 Precautions for safe handling

Maintain good occupational and personal hygiene. Avoid inhalation and contact with skin and eyes. Wear protective gloves and eye protection. Do not eat, drink or smoke when using this product. Use in areas with adequate ventilation.

7.2 Conditions for safe storage, including any incompatibilities

Store in tightly sealed original containers away from ignition sources and in a cool, dry, well-ventilated place, protected from direct light. The material darkens on exposure to air. Avoid contact with alkalis and iron, which cause discolouration.

7.3 Specific end use(s)

Fragrances: use in accordance with good manufacturing and industrial hygiene practices.

Section 8. Exposure controls / personal protection

8.1 Control Parameters

Workplace exposure limits: Not applicable.
Engineering controls: No information.

8.2 Exposure controls

Individual protection measures

Refer to Section 5 for specific fire/chemical personal protective equipment advice. Always wash routinely before breaks, meals and at the end of the work period.

Eye/face protection

Wear safety goggles.

Hand protection

Wear chemically resistant disposable gloves.

Other skin protection

Wear overalls. Always wash routinely before breaks, meals and at the end of the work period.

Respiratory protection

Not generally required under normal conditions of use with adequate ventilation. Use inhalation protection in poorly ventilated areas, or an approved respirator with organic vapour cartridge in conditions of high or prolonged use.

Thermal hazards

No information.

Environmental exposure controls

No information.

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Colourless to pale yellow liquid (darkens on exposure to air)
Odour	Characteristic, spicy, clove-like
Flash point	> 93.3 °C
Flammability	Product does not present an explosion hazard
Explosive properties	Not expected
Oxidising properties	Not expected
Other properties	Not determined

9.2 Other information

No further information available.

Section 10. Stability and reactivity

10.1 Reactivity

Presents no significant reactivity hazard, by itself or in contact with water.

10.2 Chemical Stability

Good stability under normal storage conditions.

10.3 Possibility of hazardous reactions

Not expected under normal conditions of use.

10.4 Conditions to avoid

Extreme heat. Prolonged exposure to air and light.

10.5 Incompatible materials

Avoid contact with strong acids, alkalis or oxidising agents. Contact with iron causes discolouration.

10.6 Hazardous decomposition products

Not expected.

Section 11. Toxicological information

11.1 Information on toxicological effects

The health effects have been calculated using the methods outlined in UN GHS.

Acute toxicity

Eugenol (CAS: 97-53-0)

Oral route: LD50 = 2300 mg/kg

Dermal route: Not applicable

Inhalation: Not available

Based on available data the classification criteria are not met.

Skin corrosion / irritation

Based on available data the classification criteria are not met.

Serious eye damage / irritation

Eye damage / irritation, category 2.

Respiratory or skin sensitisation

Sensitisation - skin, category 1.

Germ cell mutagenicity

Based on available data the classification criteria are not met.

Carcinogenicity

Based on available data the classification criteria are not met.

Reproductive toxicity

Based on available data the classification criteria are not met.

STOT-single exposure

Based on available data the classification criteria are not met.

STOT-repeated exposure

Based on available data the classification criteria are not met.

Aspiration hazard

Based on available data the classification criteria are not met.

Information on likely routes of exposure

Skin and eye contact; inhalation of vapour.

Other information

No data.

Section 12. Ecological information

12.1 Toxicity

Toxic to aquatic life (H401, Aquatic Acute 2). Avoid soil, surface water and water-bearing stratum contamination.

12.2 Persistence and degradability

No data.

12.3 Bioaccumulative potential

No data.

12.4 Mobility in soil

No data.

12.5 Results of PBT and vPvB assessment

No data.

12.6 Other adverse effects

No data available.

Section 13. Disposal considerations

Please refer to the information in section 8 (Exposure controls and personal protection)

13.1 Waste treatment methods

Dispose in accordance with the law and local regulations. Treat as trade effluent. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14. Transport information

Regulation	14.1 UN number	14.2 UN proper shipping name	14.3 Transport hazard class(es)	14.4 Packing group
UN Model Regulations	Not classified	-	-	-
IMDG	Not classified	-	-	-
ADR / RID / ADN	Not classified	-	-	-
ICAO TI	Not classified	-	-	-

14.5 Environmental Hazards

Not environmentally hazardous for transport.

14.6 Special precautions for user

None additional.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

Section 15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Eugenol is listed among the fragrance allergens requiring declaration under Regulation (EC) No 1223/2009 (EU Cosmetics Regulation). Use levels in finished fragrance products are restricted by the IFRA Standards.

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out.

Section 16. Other information

Wording of any hazard classes listed in section 3

Acute Tox. 5 Acute toxicity - oral, category 5
Skin Irrit. 3 Skin corrosion / irritation, category 3
Eye Irrit. 2A Eye damage / irritation, category 2A
Skin Sens. 1B Sensitisation - skin, category 1B
Aquatic Acute 2 Hazardous to the aquatic environment - acute hazard, category 2

Wording of any hazard statements listed in section 3

H303 May be harmful if swallowed
H316 Causes mild skin irritation
H317 May cause an allergic skin reaction
H319 Causes serious eye irritation
H401 Toxic to aquatic life

Full list of precautionary phrases

P261 Avoid breathing vapour or dust.
P264 Wash hands and other contacted skin thoroughly after handling.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves/eye protection/face protection.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
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Key to revisions

Version 1 - first issue by iguana Inc.

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