



SAFETY DATA SHEET (SDS)

Product Name: Ethyl Furaneol Natural

Synonyms: Homofuraneol, 2-Ethyl-4-hydroxy-5-methyl-3(2H)-furanone, Ethyl Furanone Natural

Supplier: Aromology Trading LLC
G05 Al Ghazal Building, Nadd Al Hamar
Dubai, United Arab Emirates

CAS Number: 27538-09-6

EC Number: 248-513-0

Molecular Formula: C₇ H₁₀ O₃

Molecular Weight: 142.15 g/mol

Recommended Use: Perfumery and fragrance raw material.

SECTION 1 – Identification

Product Identifier

Product Name: Ethyl Furaneol Natural

Recommended Use

Professional fragrance ingredient for perfume manufacture.

Supplier

Aromology Trading LLC
Dubai, United Arab Emirates

SECTION 2 – Hazard Identification

GHS Classification

- Acute Toxicity (Oral), Category 4
- Skin Irritation, Category 2
- Eye Irritation, Category 2A



Signal Word

Warning

Hazard Statements

- H302: Harmful if swallowed.
- H315: Causes skin irritation.
- H319: Causes serious eye irritation.

Precautionary Statements

- P264 Wash thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P280 Wear protective gloves and eye protection.
- P301+P312 IF SWALLOWED: Call a POISON CENTRE or physician if you feel unwell.
- 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.
- P337+P313 If eye irritation persists: Get medical advice/attention.

SECTION 3 – Composition / Information on Ingredients

Component	CAS Number	Concentration
Ethyl Furaneol Natural	27538-09-6	≥99%

SECTION 4 – First Aid Measures

Eye Contact

Flush immediately with water for at least 15 minutes.

Seek medical attention if irritation persists.

Skin Contact

Wash thoroughly with soap and water.

Remove contaminated clothing.

Inhalation



Move affected person to fresh air.

Seek medical attention if symptoms occur.

Ingestion

Rinse mouth with water.

Do not induce vomiting.

Seek immediate medical advice.

SECTION 5 – Fire Fighting Measures

Suitable Extinguishing Media

- Water spray
- Dry chemical
- Carbon dioxide
- Alcohol-resistant foam

Hazardous Combustion Products

- Carbon monoxide
- Carbon dioxide

Protective Equipment

Wear self-contained breathing apparatus.

SECTION 6 – Accidental Release Measures

Avoid dust formation.

Avoid release into drains.

Sweep or absorb material into suitable containers.

Dispose according to local regulations.



SECTION 7 – Handling and Storage

Handle with adequate ventilation.

Avoid contact with eyes and skin.

Store:

- tightly closed
- cool
- dry
- well ventilated
- away from oxidizing agents
- away from moisture and direct sunlight

Recommended storage temperature:

15–25 °C.

SECTION 8 – Exposure Controls / Personal Protection

Engineering Controls

Provide adequate local ventilation.

Personal Protective Equipment

Eyes

Safety glasses or goggles.

Hands

Chemical resistant gloves (nitrile recommended).

Respiratory

Normally not required with adequate ventilation.

SECTION 9 – Physical and Chemical Properties



Property	Value
Appearance	Pale yellow to yellow liquid (commercial natural solution)
Odour	Sweet, caramel, strawberry, burnt sugar, berry
Molecular Weight	142.15 g/mol
Melting Point	Not established for commercial solution
Flash Point	Not established
Density	Not established
Solubility	Soluble in alcohol and perfume solvents
Water Solubility	Slightly soluble

SECTION 10 – Stability and Reactivity

Stable under recommended storage conditions.

Avoid:

- heat
- strong oxidizers
- prolonged exposure to air

Hazardous decomposition:

- Carbon oxides
-

SECTION 11 – Toxicological Information

Routes of exposure:

- Skin
- Eyes
- Oral
- Inhalation

Acute oral toxicity (Rat):

$LD_{50} = 1,731 \text{ mg/kg}$.

Effects:

- Harmful if swallowed



- Skin irritation
- Serious eye irritation

No evidence of carcinogenicity or mutagenicity under normal conditions of use.

SECTION 12 – Ecological Information

Avoid uncontrolled release into waterways.

Dispose according to environmental regulations.

No significant ecological data available for the commercial product.

SECTION 13 – Disposal Considerations

Dispose of contents and containers according to local, regional, and national regulations.

Do not discharge into drains.

SECTION 14 – Transport Information

Regulation Classification

ADR/RID Not Regulated

IMDG Not Regulated

IATA Not Regulated

Under normal transport conditions, the product is generally not regulated as a dangerous good.

SECTION 15 – Regulatory Information

Prepared in accordance with:

- Globally Harmonized System (GHS)
- CLP Regulation (EC) No. 1272/2008
- OSHA Hazard Communication Standard (where applicable)



SECTION 16 – Other Information

Revision: 1.0

Issue Date: 30 June 2026

Recommended Use

Professional fragrance ingredient intended for perfume manufacture only.

Authorized by

Fozia Khot

Director

Aromology Trading LLC