SAFETY DATA SHEET (SDS)

Prepared in accordance with the Globally Harmonized System (GHS) and Regulation (EC) No. 1907/2006 (REACH, as amended)

SECTION 1: Identification

Product Name: Farenal®
Alternative Names: 2,6,10-Trimethylundec-9-enal
Chemical Name: 2,6,10-Trimethylundec-9-enal
INCI Name: Trimethylundecenal
CAS Number: 141-13-9
EC Number: 205-460-8
REACH Registration Number: 01-2120139915-49
Molecular Formula: $C_{14}H_{26}O$
Molecular Weight: 210.36 g/mol
Product Type: Aroma Chemical
Manufacturer: Symrise AG
Olfactory Description: Powerful aldehydic, fresh, citrus, green, waxy, floral with fatty nuances.
Grade: Premium Perfumery Grade
Recommended Use: Professional perfumery, cosmetic and fragrance raw material.

Supplier

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

Website: www.aromology.com
Email: info@aromology.com
Telephone: +971 505197601

SECTION 2 – HAZARD IDENTIFICATION

GHS Classification

- Skin Sensitisation – Category 1B
- Hazardous to the Aquatic Environment – Acute Category 1
- Hazardous to the Aquatic Environment – Chronic Category 1

Signal Word

Warning

Hazard Statements

- H317 May cause an allergic skin reaction.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.

Precautionary Statements

- P261 Avoid breathing vapours.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P273 Avoid release to the environment.
- P280 Wear protective gloves and eye protection.
- P302+P352 IF ON SKIN: Wash with plenty of soap and water.
- P333+P313 If skin irritation or rash occurs: Get medical advice.
- P391 Collect spillage.
- P501 Dispose of contents/container in accordance with local regulations.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Component	Information
Product	Farenal®
Chemical Name	2,6,10-Trimethylundec-9-enal
CAS Number	141-13-9
EC Number	205-460-8
Purity	≥98%

SECTION 4 – FIRST AID MEASURES

Inhalation: Move exposed person to fresh air. Obtain medical advice if symptoms persist.

Skin Contact: Remove contaminated clothing and wash thoroughly with soap and water. Seek medical attention if irritation or sensitisation develops.

Eye Contact: Flush cautiously with water for at least 15 minutes. Obtain medical attention if irritation persists.

Ingestion: Rinse mouth. Do not induce vomiting. Obtain medical advice if unwell.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable Extinguishing Media

- Carbon dioxide
- Dry chemical powder
- Alcohol-resistant foam
- Water fog

Hazardous Combustion Products

Carbon monoxide, carbon dioxide and irritating organic vapours.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Wear suitable personal protective equipment.

Prevent release into drains and waterways.

Absorb with inert absorbent material and transfer into suitable waste containers.

SECTION 7 – HANDLING AND STORAGE

Use only in well-ventilated areas.

Avoid skin contact.

Store in tightly closed original containers.

Protect from heat, direct sunlight and strong oxidising agents.

Recommended Storage Temperature: 15–25 °C

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

- Chemical safety goggles
- Nitrile gloves
- Protective clothing

- Local exhaust ventilation

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Property	Specification
Appearance	Clear colourless to pale yellow liquid
Odour	Powerful aldehydic, citrus, green, waxy, floral
Relative Density (20°C)	Approximately 0.84–0.86
Refractive Index (20°C)	Approximately 1.445–1.455
Flash Point	Approximately 98°C
Solubility in Water	Practically insoluble
Solubility	Soluble in ethanol and common perfumery solvents

SECTION 10 – STABILITY AND REACTIVITY

Stable under recommended storage conditions.

Avoid:

- Strong oxidising agents
- Excessive heat
- Direct sunlight
- Open flames

Hazardous decomposition products include carbon monoxide and carbon dioxide.

SECTION 11 – TOXICOLOGICAL INFORMATION

May cause allergic skin reactions.

Repeated or prolonged contact may cause skin irritation in sensitive individuals.

Avoid unnecessary exposure.

SECTION 12 – ECOLOGICAL INFORMATION

Very toxic to aquatic life with long lasting effects.

Avoid uncontrolled release into the environment.

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of contents and contaminated packaging through an authorised waste disposal contractor in accordance with applicable regulations.

SECTION 14 – TRANSPORT INFORMATION

Regulation	Status
UN Number	UN3082
Proper Shipping Name	Environmentally Hazardous Substance, Liquid, N.O.S.
ADR/RID	Class 9
IMDG	Class 9
IATA	Class 9
Packing Group	III

SECTION 15 – REGULATORY INFORMATION

Prepared in accordance with:

- GHS Revision 9
- OSHA Hazard Communication Standard (29 CFR 1910.1200)
- Regulation (EC) No. 1907/2006 (REACH)
- Regulation (EC) No. 1272/2008 (CLP)
- Regulation (EU) 2020/878

SECTION 16 – OTHER INFORMATION

Farenal® is a high-impact aldehydic aroma chemical developed by Symrise. It delivers an exceptionally powerful fresh aldehydic character with green, citrus, waxy and floral nuances, making it highly effective in modern floral, citrus, aldehydic and functional fragrance compositions. Due to its very low odour threshold, excellent stability and strong

diffusion, it is widely used in fine fragrance, soaps, detergents, fabric care and household products where it imparts freshness, brightness and long-lasting lift.

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