



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

Item	Details
Product Name	Hazelnut Ketone
Active Ingredient	Hazelnut Ketone 1% in Triacetin
CAS Number	81925-81-7
Diluent	Triacetin (Glycerol Triacetate)
Diluent CAS Number	102-76-1
Concentration	Hazelnut Ketone 1%, Triacetin approximately 99%
Product Type	Fragrance ingredient solution
Recommended Use	Professional perfumery, fragrance and cosmetic formulation
Uses Advised Against	Internal consumption, vaping, smoking and undiluted cosmetic use

Supplier

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

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SECTION 2: HAZARD IDENTIFICATION

GHS Classification

Based on the concentration of 1% Hazelnut Ketone in Triacetin, the mixture is generally not classified as hazardous under Regulation (EC) No. 1272/2008 (CLP), provided the active ingredient remains below the applicable classification thresholds.

Signal Word

Not Required

Representative Precautionary Statements



- Avoid unnecessary contact with skin and eyes.
- Avoid breathing vapours or mists.
- Wear suitable protective gloves when handling large quantities.
- Wash hands thoroughly after handling.
- Keep away from children.
- Avoid release into the environment.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS Number	EC Number	Approximate Concentration
Hazelnut Ketone	81925-81-7	Proprietary / Not Assigned	1%
Triacetin (Glycerol Triacetate)	102-76-1	203-051-9	Approximately 99%

SECTION 4: FIRST-AID MEASURES

Inhalation

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

Skin Contact

Wash thoroughly with soap and water. Remove contaminated clothing. Seek medical advice if irritation develops.

Eye Contact

Rinse cautiously with clean water for at least 15 minutes. Remove contact lenses if present and easy to do. Obtain medical attention if irritation continues.

Ingestion

Rinse the mouth thoroughly. Do not induce vomiting unless instructed by medical personnel. Seek medical advice if unwell.

Most Important Symptoms

- Mild skin irritation.
- Temporary eye irritation.
- Gastrointestinal discomfort if swallowed.



- Headache or nausea following excessive vapour exposure.
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SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

- Carbon dioxide (CO₂)
- Dry chemical powder
- Alcohol-resistant foam
- Water fog

Unsuitable Extinguishing Media

Do not use a direct high-pressure water jet.

Hazardous Combustion Products

Heating or combustion may produce:

- Carbon monoxide
- Carbon dioxide
- Irritating organic vapours

Protective Equipment

Firefighters should wear self-contained breathing apparatus and suitable protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions

- Ensure adequate ventilation.
- Wear gloves and eye protection.
- Avoid contact with skin and eyes.
- Prevent slipping hazards.

Environmental Precautions

Prevent entry into:



- Drains
- Sewers
- Surface water
- Groundwater

Clean-Up Method

Absorb using sand, vermiculite or another inert absorbent and transfer to a suitable labelled waste container.

Wash contaminated surfaces with detergent while preventing wash water entering drains.

SECTION 7: HANDLING AND STORAGE

Handling

- Use in well-ventilated areas.
- Avoid prolonged skin contact.
- Avoid contact with eyes.
- Keep containers tightly closed when not in use.
- Wash thoroughly after handling.

Storage

Store:

- In the original tightly closed container.
- In a cool, dry, well-ventilated location.
- Protected from direct sunlight.
- Away from heat and strong oxidising agents.
- Out of reach of children.

Recommended storage temperature: **10–25°C**.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Protection	Recommendation
Eye Protection	Chemical safety glasses or goggles
Hand Protection	Nitrile gloves
Skin Protection	Laboratory coat or suitable protective clothing



Respiratory Protection Normally not required with adequate ventilation
Engineering Controls General or local exhaust ventilation where appropriate
Hygiene Measures Wash hands after handling

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Representative Information
Appearance	Clear liquid
Colour	Colourless to pale yellow
Odour	Sweet, roasted hazelnut, nutty, gourmand
Physical State	Liquid
Relative Density (20 °C)	Approximately 1.15–1.17 g/cm ³
Water Solubility	Slightly soluble
Alcohol Solubility	Soluble
Flash Point	Approximately 150 °C (primarily determined by Triacetin)
Vapour Pressure	Low
pH	Not applicable

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability

Stable under recommended storage conditions.

Conditions to Avoid

- Excessive heat.
- Direct sunlight.
- Strong oxidising agents.

Incompatible Materials

Strong oxidisers, strong acids and alkalis.

Hazardous Decomposition Products

Thermal decomposition may produce:

- Carbon monoxide.
- Carbon dioxide.
- Irritating organic vapours.



SECTION 11: TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

- Skin contact.
- Eye contact.
- Inhalation.
- Accidental ingestion.

Acute Toxicity

Low acute toxicity is expected at the supplied dilution.

Skin Effects

Repeated or prolonged exposure may cause mild irritation in sensitive individuals.

Eye Effects

Direct contact may cause temporary irritation.

Inhalation

Excessive exposure to vapours may cause mild respiratory discomfort.

Ingestion

May cause gastrointestinal discomfort.

SECTION 12: ECOLOGICAL INFORMATION

- Avoid uncontrolled release into the environment.
- Do not discharge concentrated material into drains or waterways.
- The environmental behaviour is largely determined by Triacetin.
- Complete ecological data for the finished mixture are not available.

SECTION 13: DISPOSAL CONSIDERATIONS



Dispose of unused material and contaminated packaging through an authorised chemical waste contractor in accordance with local regulations.

Do not discharge into drains or natural waterways.

SECTION 14: TRANSPORT INFORMATION

The product is **generally not regulated as Dangerous Goods** for transport in the supplied dilution.

Final transport classification should be confirmed using the original manufacturer's Safety Data Sheet where available.

SECTION 15: REGULATORY INFORMATION

Prepared with reference to:

- Regulation (EC) No. 1907/2006 (REACH)
- Regulation (EC) No. 1272/2008 (CLP)
- Regulation (EU) 2020/878
- United Nations Globally Harmonized System (GHS)

The finished-product manufacturer remains responsible for ensuring compliance with applicable cosmetic, fragrance and chemical regulations.

SECTION 16: OTHER INFORMATION

Document Information

Item	Details
Issue Date	18 July 2026
Revision Number	01
Document Type	Summary Material Safety Data Sheet
Intended Users	Professional and industrial users



Disclaimer

This document provides representative safety information for Hazelnut Ketone 1% in Triacetin (CAS 81925-81-7 / 102-76-1).

The information is based on the expected hazards of a cosmetic-grade 1% solution in Triacetin. The original manufacturer's Safety Data Sheet for the Hazelnut Ketone raw material and Triacetin should always take precedence where available.

This material is intended for professional perfumery and fragrance formulation only. It is not intended for internal consumption and should be stored securely away from children.

Authorised by:

Fozia Khot
Director