



SAFETY DATA SHEET (SDS)

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

Schiff Hydroxycitronellal

SECTION 1: Identification

1.1 Product Identifier

Item	Details
Product Name	Schiff Hydroxycitronellal
Manufacturer	Synarome
Synarome Reference	085170
Chemical Description	Hydroxycitronellal–Methyl Anthranilate Schiff Base
Chemical Name	Methyl 2-[(7-hydroxy-3,7-dimethyloctylidene)amino]benzoate
CAS Number	89-43-0
EC Number	201-908-1
Molecular Formula	C ₁₈ H ₂₇ NO ₃
Molecular Weight	305.42 g/mol
Product Type	Synthetic Aroma Chemical / Schiff Base
Physical Form	Liquid
Odour Profile	Muguet, orange blossom, floral, grape, citrus, green

CAS 89-43-0 is identified in IFRA's fragrance glossary as Hydroxycitronellal–Methyl Anthranilate Schiff base.

1.2 Recommended Uses

- Fine fragrance
- White floral accords
- Muguet accords
- Orange blossom and neroli accords
- Cosmetic fragrance compositions
- Soap and functional perfumery

Uses Advised Against

- Internal consumption
- Undiluted skin application
- Pharmaceutical use without appropriate assessment
- Consumer use without formulation safety evaluation



1.3 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

Representative CLP/GHS classifications published for CAS 89-43-0 include:

- Eye Irritation – Category 2
- Skin Sensitisation – Category 1

Signal Word

Warning

Hazard Statements

- H317: May cause an allergic skin reaction.
- H319: Causes serious eye irritation.

A published SDS for the same chemical identity, CAS 89-43-0, classifies it as Eye Irrit. 2 and Skin Sens. 1.

Precautionary Statements

- P261 Avoid breathing vapours or mist.
 - P264 Wash thoroughly after handling.
 - P272 Contaminated work clothing should not leave the workplace.
 - 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.
 - P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.
 - P337+P313 If eye irritation persists: Get medical advice.
 - P501 Dispose of contents/container in accordance with applicable regulations.
-

SECTION 3: Composition / Information on Ingredients

Component	CAS Number	Concentration
-----------	------------	---------------



Hydroxycitronellal – Methyl Anthranilate Schiff Base	89-43-0	Principal component
---	---------	---------------------

Commercial purity and residual starting materials must be confirmed from the current Synarome specification.

Potential trace or residual components can include:

- Hydroxycitronellal
- Methyl Anthranilate
- Reaction intermediates
- Process-related impurities

SECTION 4: First Aid Measures

Inhalation

Move exposed person to fresh air.
Seek medical attention if symptoms persist.

Skin Contact

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

Eye Contact

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

Ingestion

Rinse mouth.
Do not induce vomiting unless instructed by medical personnel.
Seek medical advice.

SECTION 5: Fire Fighting Measures

Suitable Extinguishing Media

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

Hazardous Combustion Products

May produce:

- Carbon monoxide
- Carbon dioxide



- Nitrogen-containing decomposition products
- Irritating organic vapours

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

SECTION 6: Accidental Release Measures

- Wear protective gloves and eye protection.
- Ensure adequate ventilation.
- Avoid release to drains and waterways.
- Absorb using inert material such as sand or vermiculite.
- Collect into a suitable labelled waste container.
- Dispose of according to local regulations.

SECTION 7: Handling and Storage

Handling

- Avoid skin and eye contact.
- Avoid breathing vapour or mist.
- Use in a well-ventilated area.
- Maintain good industrial hygiene.

Storage

Store:

- At approximately 15–25 °C
- In tightly closed original containers
- Protected from heat and direct sunlight
- Away from strong oxidising agents
- In a cool, dry and well-ventilated area

SECTION 8: Exposure Controls / Personal Protection

Engineering Controls

Provide adequate ventilation or local exhaust ventilation.

Personal Protective Equipment

Eye Protection

- Chemical safety goggles

Hand Protection



- Nitrile or suitable chemical-resistant gloves

Body Protection

- Protective clothing

Respiratory Protection

- Organic vapour protection if ventilation is inadequate

SECTION 9: Physical and Chemical Properties

Property	Representative Information
Appearance	Clear to pale yellow liquid
Odour	Floral, muguet, orange blossom, grape-like
Molecular Formula	C ₁₈ H ₂₇ NO ₃
Molecular Weight	305.42 g/mol
Physical State	Liquid
Water Solubility	Low / practically insoluble
Solubility	Soluble in ethanol and common perfumery solvents
Vapour Pressure	Low
Flash Point	Manufacturer specification required
Relative Density	Manufacturer specification required
Refractive Index	Manufacturer specification required

Published chemical databases confirm CAS 89-43-0, EC 201-908-1, formula C₁₈H₂₇NO₃, and molecular weight approximately 305.42 g/mol.

SECTION 10: Stability and Reactivity

Stable under recommended storage conditions.

Avoid:

- Excessive heat
- Strong oxidising agents
- Strong acids and bases
- Prolonged exposure to moisture

As a Schiff base, hydrolysis can occur under certain conditions, potentially regenerating the parent materials.

SECTION 11: Toxicological Information

Potential routes of exposure:



- Skin
- Eyes
- Inhalation
- Ingestion

Possible effects:

- Allergic skin reaction
- Eye irritation
- Mild respiratory irritation from concentrated vapour
- Gastrointestinal irritation if swallowed

SECTION 12: Ecological Information

Avoid uncontrolled discharge into the environment.

Complete batch-specific ecotoxicological data should be taken from the current Synarome SDS.

SECTION 13: Disposal Considerations

Dispose of product and contaminated packaging through an authorised chemical-waste contractor.

Do not discharge into drains or natural waterways.

SECTION 14: Transport Information

Transport classification should be confirmed using the current Synarome SDS and applicable:

- ADR/RID
- IMDG
- IATA/ICAO

SECTION 15: Regulatory Information

Prepared with reference to:

- REACH Regulation (EC) No. 1907/2006
- CLP Regulation (EC) No. 1272/2008
- Regulation (EU) 2020/878
- IFRA Standards

SECTION 16: Other Information

This SDS is a representative supplier safety document for:



Schiff Hydroxycitronellal – Synarome
Ref. 085170
CAS 89-43-0

It is not the original Synarome-issued SDS.

The current manufacturer SDS should take precedence for:

- Batch-specific classification
- Exact flash point
- Transport status
- Ecotoxicity
- REACH details
- Residual constituents
- Regional regulatory requirements

Authorised by:
Fozia Khot
Director