



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	Lilial Schiff Base Extra
Synonyms	Schiff Base Extra, Lilial / Methyl Anthranilate Schiff Base, Verdantiol, Tiliantol, Liliantol
IUPAC Name	Schiff Base, Lilial / Methyl Anthranilate
CAS Number	91-51-0
EC Number	202-073-6
Molecular Formula	$C_{22}H_{27}NO_2$
Molecular Weight	337.2 g/mol
Product Type	Aroma Chemical / Schiff Base
Recommended Use	Professional perfumery and fragrance manufacture
Uses Advised	Direct consumer use, internal consumption or pharmaceutical applications
Against	

Lilial Schiff Base Extra is a pre-formed Schiff base produced by the reaction of Lilial (Butylphenyl Methylpropional) with Methyl Anthranilate, resulting in a stable floral aroma ingredient intended for fragrance manufacture. The material is typically supplied with an assay greater than 90%, with residual methyl anthranilate below 5% and residual Lilial below 7%.

SUPPLIER DETAILS

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 / CLP CLASSIFICATION

Hazard Class	Classification
--------------	----------------



Acute Oral Toxicity	Category 5
Skin Irritation	Category 3
Skin Sensitisation	Category 1

Signal Word

WARNING

Hazard Statements

- H303: May be harmful if swallowed.
- H316: Causes mild skin irritation.
- H317: May cause an allergic skin reaction.

Representative hazard classification is based on published Safety Data Sheets for Methyl Anthranilate/Lilial Schiff Base.

Precautionary Statements

- Avoid breathing vapours.
- Wear suitable protective gloves and eye protection.
- Wash thoroughly after handling.
- Avoid prolonged skin contact.
- IF ON SKIN: Wash with plenty of soap and water.
- If skin irritation or rash occurs, seek medical advice.
- Dispose of contents in accordance with local regulations.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS Number	Typical Content
Lilial Schiff Base Extra	91-51-0	>90%
Residual Methyl Anthranilate	134-20-3	<5%
Residual Lilial	80-54-6	<7%

Typical specification according to manufacturer technical data.

SECTION 4: FIRST-AID MEASURES

Inhalation



Move to fresh air. Seek medical attention if symptoms develop.

Skin Contact

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

Eye Contact

Immediately flush with water for at least 15 minutes. Obtain medical attention if irritation persists.

Ingestion

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

Most Important Symptoms

- Mild skin irritation
 - Allergic skin reaction
 - Mild gastrointestinal discomfort following ingestion
-

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

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

Hazardous Combustion Products

- Carbon monoxide
- Carbon dioxide
- Nitrogen oxides

Firefighters should wear self-contained breathing apparatus.



SECTION 6: ACCIDENTAL RELEASE MEASURES

- Wear appropriate PPE.
 - Prevent entry into drains.
 - Absorb with sand, vermiculite or other inert absorbent.
 - Dispose of according to local regulations.
-

SECTION 7: HANDLING AND STORAGE

Handling

- Use with adequate ventilation.
- Avoid unnecessary skin contact.
- Observe good industrial hygiene practices.

Storage

Store:

- In tightly closed containers.
- In a cool, dry place.
- Protected from direct sunlight.
- Away from strong oxidising agents.

The manufacturer recommends checking quality after storage exceeding 24 months.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Protection	Recommendation
Eye Protection	Safety goggles
Hand Protection	Nitrile gloves
Skin Protection	Protective clothing
Respiratory Protection	Organic vapour respirator where ventilation is insufficient

No occupational exposure limits have been established specifically for this material.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES



Property	Typical Value
Appearance	Viscous yellow liquid
Odour	Floral, dry
Molecular Weight	337.2 g/mol
Refractive Index (20 °C)	1.5880–1.6080
Flash Point	101 °C
Solubility	Insoluble in water
Solubility in Ethanol	Soluble

Representative physical properties from published technical specifications.

SECTION 10: STABILITY AND REACTIVITY

- Stable under normal storage conditions.
 - Avoid excessive heat.
 - Avoid strong oxidising agents.
 - Hazardous decomposition products include carbon oxides and nitrogen oxides.
-

SECTION 11: TOXICOLOGICAL INFORMATION

Likely routes of exposure:

- Skin
- Eyes
- Inhalation
- Ingestion

Potential effects:

- Mild skin irritation.
 - Skin sensitisation.
 - Mild eye irritation following direct contact.
 - Harmful if swallowed in significant quantities.
-

SECTION 12: ECOLOGICAL INFORMATION



- Avoid uncontrolled environmental release.
- Prevent contamination of waterways.
- Dispose of according to local environmental regulations.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of unused material and contaminated packaging through an authorised waste disposal contractor.

SECTION 14: TRANSPORT INFORMATION

Item	Information
UN Number	Not classified as dangerous goods under normal transport*
Transport Classification	Refer to supplier documentation
Packing Group	Not applicable*

*Transport status should always be confirmed using the current manufacturer's SDS.

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 GHS

SECTION 16: OTHER INFORMATION

Item	Details
Document Type	Material Safety Data Sheet (MSDS)
Version	1.0
Issue Date	20 July 2026



Disclaimer

This MSDS provides representative safety information for Lilial Schiff Base Extra (CAS 91-51-0) based on publicly available manufacturer documentation. Batch-specific analytical values and regulatory classifications may vary slightly between manufacturers. The original manufacturer's Safety Data Sheet shall always take precedence.

Authorised by:

Fozia Khot
Director