



SAFETY DATA SHEET (SDS)

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

MINTONAT

SECTION 1: IDENTIFICATION

1.1 Product Identifier

Parameter	Details
Product Name	Mintonat
Manufacturer	Symrise
Symrise Product No.	142048
Alternative Name	Homomenthyl Acetate
CAS Number	67859-96-5
EC Number	267-430-0
EU REACH Registration	01-2120743786-42
Molecular Formula	$C_{11}H_{20}O_2$
Molecular Weight	184.0 g/mol
Chemical Class	Ester
Product Type	Perfumery Aroma Chemical
Olfactive Family	Mint / Lavender /Cloves

Symrise directly confirms the product number, CAS, REACH registration, chemical structure, formula and chemical class.

1.2 Relevant Identified Uses

Professional fragrance ingredient suitable for:

- Fine fragrance
- Aromatic fragrances
- Fougère compositions
- Mint accords
- Herbal fragrances
- Green fragrances
- Lavender compositions
- Fresh fragrances
- Soap
- Shampoo and shower gel
- Deodorants
- Body care
- Fabric care



- Detergents
- Household fragrances

1.3 Symrise Recommended Use

1–25%

Symrise states that Mintonat can function both as a modifier and at relatively high use levels. This is perfumery guidance, not an IFRA maximum.

1.4 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: HAZARDS IDENTIFICATION

2.1 Classification

Public SDS documentation for Mintonat / CAS 67859-96-5 reports the material as:
Not classified as hazardous according to the applicable GHS criteria in that SDS.

2.2 Label Elements

Signal Word: None required based on the reviewed classification.
Hazard Pictograms: None required based on the reviewed classification.
Hazard Statements: None assigned in the reviewed SDS.

2.3 General Precautions

Even where a fragrance raw material is not classified as hazardous, professional handling practices should include:

- Avoid prolonged skin contact.
- Avoid eye contact.
- Avoid breathing concentrated vapour or mist.
- Use adequate ventilation.
- Wear suitable gloves when handling bulk material.
- Wear safety glasses during filling and transfer.
- Wash thoroughly after handling.

Important: The latest regional Symrise SDS for Product 142048 should prevail if it assigns a different classification.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance

Component	CAS No.	EC No.	Specification
3,3,5-Trimethylcyclohexyl acetate	67859-96-5	267-430-0	≥98% GC, sum of isomers

3.2 Chemical Information

Parameter	Details
Molecular Formula	C ₁₁ H ₂₀ O ₂
Molecular Weight	184.0 g/mol
Chemical Class	Ester
Stabilizer	No
Occurrence in Nature	No

Symrise specifies minimum 98% GC purity as the sum of isomers and confirms that no stabilizer is used.

SECTION 4: FIRST-AID MEASURES

4.1 Inhalation

Move affected person to fresh air.
Keep comfortable for breathing.
Seek medical attention if symptoms persist.

4.2 Skin Contact

Remove contaminated clothing.
Wash exposed skin thoroughly with soap and water.
If irritation develops or persists, obtain medical advice.

4.3 Eye Contact

Immediately rinse cautiously with plenty of clean water.
Remove contact lenses if present and easy to do.
Continue rinsing for several minutes.
Seek medical attention if irritation persists.

4.4 Ingestion

Rinse mouth.
Do not induce vomiting unless instructed by medical personnel.
Seek medical attention if symptoms develop.



These measures are consistent with the SDS available specifically for Mintonat CAS 67859-96-5.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Suitable Extinguishing Media

Use:

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

5.2 Flash Point

Approximately 85 °C

This is the value published by Symrise for Mintonat Product 142048.

5.3 Hazardous Combustion Products

Combustion may generate:

- Carbon monoxide
- Carbon dioxide
- Smoke
- Irritating organic vapours

5.4 Firefighter Protection

Wear appropriate protective equipment.

Use self-contained breathing apparatus where necessary.

Cool exposed containers with water spray.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions

- Ensure adequate ventilation.
- Avoid eye and skin contact.
- Wear suitable PPE.
- Remove unnecessary personnel from the spill area.
- Keep away from ignition sources.

6.2 Environmental Precautions



Prevent significant quantities from entering:

- Drains
- Sewers
- Surface water
- Groundwater

6.3 Cleanup

Contain spill.

Absorb using:

- Sand
- Vermiculite
- Diatomaceous earth
- Universal chemical absorbent

Transfer collected material to a suitable labelled waste container.

SECTION 7: HANDLING AND STORAGE

7.1 Safe Handling

- Use adequate ventilation.
- Avoid unnecessary skin contact.
- Avoid eye contact.
- Do not breathe concentrated vapour or aerosol.
- Keep containers closed when not in use.
- Wash hands thoroughly after handling.
- Use clean and dry dispensing equipment.

7.2 Storage

Store:

- In tightly closed original containers
 - In a cool and dry location
 - In a well-ventilated area
 - Protected from direct sunlight
 - Away from excessive heat
 - Away from strong oxidising agents
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SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION



8.1 Occupational Exposure Limits

No specific occupational exposure limit was identified in the reviewed Mintonat SDS.

8.2 Engineering Controls

Provide adequate general ventilation.

Use local exhaust ventilation where significant vapour or aerosol formation may occur.

8.3 Personal Protective Equipment

Protection	Recommendation
Eye Protection	Safety glasses / goggles
Hand Protection	Chemical-resistant gloves
Skin Protection	Suitable protective clothing
Respiratory Protection	Organic-vapour protection where ventilation is inadequate

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	Clear, colourless to light yellow liquid
Odour	Herbaceous, green, aromatic, floral, fresh
Chemical Name	3,3,5-Trimethylcyclohexyl acetate
CAS No.	67859-96-5
Molecular Formula	C ₁₁ H ₂₀ O ₂
Molecular Weight	184.0 g/mol
GC Purity	Minimum 98% – sum of isomers
Flash Point	Approx. 85 °C
Boiling Point	217.2 °C
Log P (Kow)	3.93
Chemical Class	Ester
Stabilizer	No
Occurrence in Nature	No
Biodegradability	62.0% – readily biodegradable

All of the principal values above are directly published by Symrise.

A separate current specification gives a representative density of 0.914–0.924 g/cm³ at 20 °C and refractive index of 1.4360–1.4460 at 20 °C.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No dangerous reaction is expected under normal conditions of storage and use.



10.2 Chemical Stability

Stable under recommended handling and storage conditions.

10.3 Hazardous Reactions

Hazardous polymerisation is not expected.

10.4 Conditions to Avoid

Avoid:

- Excessive heat
- Ignition sources
- Prolonged uncontrolled exposure to air
- Contamination

10.5 Incompatible Materials

Strong oxidising agents.

10.6 Hazardous Decomposition Products

Thermal decomposition may produce carbon monoxide, carbon dioxide and irritating organic fumes.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Routes of Exposure

Potential routes include:

- Skin contact
- Eye contact
- Inhalation
- Accidental ingestion

11.2 Acute Toxicity

No classification for acute toxicity was assigned in the reviewed Mintonat SDS.

11.3 Skin Corrosion / Irritation

No formal classification identified in the reviewed SDS.

11.4 Serious Eye Damage / Irritation

No formal classification identified.

11.5 Skin Sensitisation

No formal sensitisation classification identified in the reviewed SDS.

11.6 Carcinogenicity

No carcinogenic classification identified from the reviewed documentation.

11.7 Mutagenicity

No mutagenicity classification identified.



11.8 Reproductive Toxicity

No reproductive-toxicity classification identified.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Biodegradability

Symrise reports:

62.0% – Readily biodegradable

12.2 Bioaccumulative Potential

Log P (Kow): 3.93

12.3 Environmental Handling

Although Symrise reports ready biodegradability, concentrated material should not be deliberately released into drains or natural waterways.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of product through an authorised waste facility in accordance with applicable regulations.

Do not discharge concentrated material into:

- Drains
- Sewers
- Surface water

Contaminated packaging should be disposed of according to local requirements.

SECTION 14: TRANSPORT INFORMATION

The definitive transport classification should be taken from the latest regional Symrise SDS for Product No. 142048.

Based on the non-hazardous classification in the publicly accessible Mintonat SDS, no dangerous-goods classification is indicated there.

For commercial shipment, verify the current:

- ADR/RID status
- IMDG status
- IATA status
- UN number, if applicable
- Packing group, if applicable
- Marine pollutant status

before issuing shipping documents.

SECTION 15: REGULATORY INFORMATION

Relevant regulatory frameworks include:

- Regulation (EC) No. 1907/2006 – REACH
- Regulation (EC) No. 1272/2008 – CLP



- Regulation (EU) 2020/878
- Regulation (EC) No. 1223/2009 – Cosmetics
- Regulation (EU) 2023/1545 – Fragrance Allergen Labelling
- Applicable IFRA Standards

EU REACH Registration: 01-2120743786-42

EC Number: 267-430-0

CAS Number: 67859-96-5

Symrise confirms the REACH registration and CAS identity.

SECTION 16: OTHER INFORMATION

OLFACTIVE PROFILE

Symrise describes Mintonat as:

Herbaceous • Green • Aromatic • Floral • Fresh

Its perfumery effects include:

- Adds complexity and vivacity
- Boosts freshness
- Connects individual fragrance building blocks
- Acts as an aromatic modifier
- Provides green floral character
- Gives an Ethyl Linalool-like facet
- Provides an aromatic Dihydromyrcenol-type character

Symrise perfumer Pierre-Constantin Guéros describes it as a versatile floral-green material that can function effectively as a filler even in fine fragrance.

RECOMMENDED PERFUMERY USE

1–25%

This is Symrise perfumery guidance, not an IFRA maximum.

DISCLAIMER

This is a supplier-style 16-section SDS compiled from official Symrise technical information and publicly available SDS information for Mintonat / CAS 67859-96-5. It is not an original Symrise-issued Safety Data Sheet.

Authorised by:

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Director