



MATERIAL SAFETY DATA SHEET (MSDS)

According to UN GHS (Latest Edition)

SECTION 1: IDENTIFICATION

Product Name: Gamma Octalactone (Natural)

CAS Number: 104-50-7

Recommended Use:

Fragrance ingredient (professional use)

Supplier:

AROMOLOGY TRADING LLC

G15 Union Coop Mall

Nadd Al Hamar

Dubai, United Arab Emirates

Email: info@aromology.com

Website: www.aromology.com

Emergency Contact:

Local emergency services / Poison Control

SECTION 2: HAZARD IDENTIFICATION

GHS Classification

- Acute Toxicity (Oral) – Category 5 (H303)
- Skin Irritation – Category 3 (H316)

Signal Word:

WARNING

Hazard Statements

- H303 – May be harmful if swallowed
 - H316 – Causes mild skin irritation
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Precautionary Statements

- P312 – Call a POISON CENTER or doctor if you feel unwell
- P332 + P313 – If skin irritation occurs: Get medical advice

Pictograms: None required

Other Hazards:

None identified

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS	Concentration
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Gamma-Octalactone	104-50-7	100%
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SECTION 4: FIRST AID MEASURES

Inhalation:

Remove to fresh air and keep at rest. Seek medical attention if needed.

Eye Contact:

Flush with water for at least 15 minutes. Consult physician if symptoms persist.

Skin Contact:

Remove contaminated clothing and wash thoroughly with soap and water.

Ingestion:

Rinse mouth with water and seek medical attention.

Key Symptoms:

May be harmful if swallowed.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

Carbon dioxide, dry chemical powder, foam

Hazards:

May release carbon monoxide and organic compounds when burned



Protection:

Wear respiratory protection if ventilation is insufficient

SECTION 6: ACCIDENTAL RELEASE MEASURES

- Avoid inhalation and contact with skin/eyes
 - Remove ignition sources
 - Ensure adequate ventilation
 - Absorb with inert material (sand or powder)
 - Dispose according to local regulations
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SECTION 7: HANDLING AND STORAGE

Handling:

- Keep away from heat, sparks, and open flames
- Use appropriate PPE
- Do not eat, drink, or smoke while handling

Storage:

- Store in well-ventilated place
 - Keep container tightly closed
 - Use explosion-proof equipment
 - Prevent static discharge
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SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits: Not applicable

Personal Protective Equipment:

- Gloves
- Eye protection / face protection



Respiratory Protection:

Not required under normal conditions; use respirator if exposure increases

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Flash Point	> 93.3 °C
Explosion Hazard	Not expected
Oxidising Properties	Not expected
Appearance	Not determined
Odour	Not determined

(Values based on page 3–4 table)

SECTION 10: STABILITY AND REACTIVITY

- Stable under normal conditions
 - Avoid extreme heat
 - Avoid strong acids, alkalis, oxidising agents
 - No hazardous decomposition expected
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SECTION 11: TOXICOLOGICAL INFORMATION

- Oral Toxicity Category 5
- No classification for skin corrosion, sensitisation, carcinogenicity, mutagenicity, or reproductive toxicity

Effects:

- Mild skin irritation
- May be harmful if swallowed



SECTION 12: ECOLOGICAL INFORMATION

- No data available for toxicity, biodegradability, or bioaccumulation

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose in accordance with local regulations.
Avoid disposal into drainage systems or environment.

SECTION 14: TRANSPORT INFORMATION

Not classified as dangerous goods for transport:

Regulation	Status
UN Model Regulations	Not classified
IMDG	Not classified
ADR / RID / ADN	Not classified
ICAO / IATA	Not classified

(Confirmed on page 5 transport table)

SECTION 15: REGULATORY INFORMATION

No additional regulatory requirements identified.

SECTION 16: OTHER INFORMATION

Information is based on supplier data and believed accurate at time of issue.
No warranty expressed or implied.