



MATERIAL SAFETY DATA SHEET (MSDS)

According to UN GHS (Latest Edition)

CITRONELLOL (NATURAL)

(dl-Citronello)

SECTION 1: IDENTIFICATION

Product Name: Citronellol (Natural)

CAS Number: 106-22-9

Recommended Use:

Fragrance ingredient (professional / industrial use)

Supplier:

AROMOLOGY

G05 Alghazal Building

Nadd Al Hamar

Dubai, United Arab Emirates

Email: info@aromology.com

Website: www.aromology.com

SECTION 2: HAZARD IDENTIFICATION

GHS Classification

- Acute Toxicity (Oral) – Category 5
- Acute Toxicity (Dermal) – Category 5
- Skin Irritation – Category 2
- Eye Irritation – Category 2A
- Skin Sensitisation – Category 1B
- Aquatic Acute Toxicity – Category 2

Signal Word:

WARNING



Hazard Statements

- H303 – May be harmful if swallowed
 - H313 – May be harmful in contact with skin
 - H315 – Causes skin irritation
 - H317 – May cause an allergic skin reaction
 - H319 – Causes serious eye irritation
 - H401 – Toxic to aquatic life
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Precautionary Statements

Prevention

- Avoid breathing vapours
- Wash thoroughly after handling
- Contaminated clothing should not leave workplace
- Avoid release to the environment
- Wear protective gloves / eye protection

Response

- IF ON SKIN: Wash with soap and water
- IF IN EYES: Rinse cautiously with water
- Call POISON CENTER if unwell
- If irritation persists: Seek medical advice
- Remove contaminated clothing before reuse

Disposal

- Dispose according to local regulations
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SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Substance	CAS	Concentration
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dL-Citronellol	106-22-9	100%
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SECTION 4: FIRST AID MEASURES

Inhalation:

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

Eye Contact:

Rinse cautiously with water for several minutes.

Skin Contact:

Wash with soap and water.

Ingestion:

Rinse mouth and seek medical attention.

Key Symptoms

- Skin irritation
 - Eye irritation
 - Allergic skin reaction
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SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media:

CO₂, dry chemical, foam

Hazards:

May release carbon monoxide and organic compounds

Protection:

Use self-contained breathing apparatus

SECTION 6: ACCIDENTAL RELEASE MEASURES

- Avoid inhalation and contact
 - Prevent environmental contamination
 - Absorb with inert material (sand, powder)
 - Dispose according to regulations
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SECTION 7: HANDLING AND STORAGE



Handling:

Use PPE and good industrial hygiene. Avoid heat and ignition sources.

Storage:

Store in tightly closed container in a cool, well-ventilated place.

Prevent static discharge.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:

No established limits

PPE:

- Safety goggles
- Protective gloves
- Protective clothing

Respiratory Protection:

Use if ventilation insufficient

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Physical State	Liquid
Flash Point	>93.5 °C

Explosion Hazard Not expected

(From physical properties section)

SECTION 10: STABILITY AND REACTIVITY

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

Parameter Value

LD50 Oral ~3450 mg/kg

LD50 Dermal ~2650 mg/kg

Effects:

- Skin irritation
 - Skin sensitisation
 - Eye irritation
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SECTION 12: ECOLOGICAL INFORMATION

- Toxic to aquatic life
 - No data on persistence or bioaccumulation
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SECTION 13: DISPOSAL CONSIDERATIONS

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

SECTION 14: TRANSPORT INFORMATION

Not classified as dangerous goods for transport (ADR / IMDG / IATA)

SECTION 15: REGULATORY INFORMATION

No additional regulatory information available.

SECTION 16: OTHER INFORMATION

This MSDS is based on supplier documentation and is believed to be accurate at the time of preparation.

No warranty expressed or implied.