



MATERIAL SAFETY DATA SHEET (MSDS)

According to UN GHS / OSHA HCS (29 CFR 1910.1200)

SECTION 1: IDENTIFICATION

Product Name: Pepper Sichuan CO₂ Extract

Recommended Use:

Aromatic ingredient (industrial use only)

Restrictions:

Do not ingest. Avoid direct eye contact.

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

- Flammable Liquid – Category 3
- Skin Irritation – Category 2
- Eye Irritation – Category 2A
- Skin Sensitisation – Category 1B

Signal Word:

WARNING



Hazard Statements

- Causes skin irritation
 - Causes serious eye irritation
 - May cause an allergic skin reaction
 - Flammable liquid and vapour
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Precautionary Statements

Prevention

- Wash thoroughly after handling
 - Wear protective gloves / eye protection
 - Avoid breathing vapours or mist
 - Keep away from heat, sparks, open flames
 - Use explosion-proof equipment
 - Prevent static discharge
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Response

- IF IN EYES: Rinse cautiously with water for several minutes
 - IF ON SKIN: Remove contaminated clothing and wash
 - If irritation or rash occurs: Seek medical attention
 - In case of fire: Use CO₂, foam, or dry chemical
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Storage & Disposal

- Store in a cool, well-ventilated place
- Dispose according to local regulations



Other Hazards (Page 2 Notes)

- May be harmful in contact with skin
 - Toxic to aquatic life (acute and long-term)
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SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Key Components (from composition tables pages 2–3)

Component	CAS	%
Linalyl acetate	115-95-7	10–20%
Linalool	78-70-6	5–10%
Ethanol	64-17-5	1–5%
Limonene	5989-27-5	1–5%
Eucalyptol derivative	470-82-6	1–5%
Terpinen-4-ol	562-74-3	1–5%
p-Cymene	99-87-6	1–5%

Minor constituents include Caryophyllene, Nerolidol, and Beta-pinene.

SECTION 4: FIRST AID MEASURES

Eye Contact:

Rinse with water for at least 15 minutes. Seek medical attention.

Skin Contact:

Wash thoroughly with soap and water.

Inhalation:

Move to fresh air.

Ingestion:

Rinse mouth and drink water.



Notes to Physician:
Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media:

CO₂, dry chemical, water spray, alcohol-resistant foam

Hazards:

Thermal decomposition may release irritating vapours

Protection:

Wear self-contained breathing apparatus

SECTION 6: ACCIDENTAL RELEASE MEASURES

- Evacuate area and ventilate
 - Prevent entry into drains
 - Absorb with inert material
 - Transfer to appropriate containers
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SECTION 7: HANDLING AND STORAGE

Handling:

- Use PPE
- Avoid inhalation
- Use in well-ventilated areas

Storage:

- Keep tightly closed
 - Store in cool, dry, ventilated area
 - Keep away from ignition sources
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SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits (page 4):

- Ethanol: 1000 ppm
- Beta-pinene: 20 ppm

PPE:

- Safety goggles
- Gloves
- Protective clothing

Respiratory Protection:

Use respirator if exposure limits are exceeded

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Physical State	Liquid
Appearance	Greenish yellow
Odour	Characteristic
Flash Point	60 °C
Specific Gravity	0.937 – 0.967

(Values based on page 5 table)

SECTION 10: STABILITY AND REACTIVITY

- Stable under normal conditions
 - Avoid heat and oxidising agents
 - No hazardous polymerisation
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SECTION 11: TOXICOLOGICAL INFORMATION

- Oral LD₅₀: > 5000 mg/kg
- No acute toxicity classification

Effects:

- Skin irritation
 - Eye irritation
 - Sensitisation possible
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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.
Recycle or dispose of packaging appropriately.

SECTION 14: TRANSPORT INFORMATION

Mode	Details
UN Number	UN 1197
Proper Shipping Name	Extracts, flavouring, liquid
Class	3
Packing Group	III
Applicable to DOT / IMDG / IATA	

SECTION 15: REGULATORY INFORMATION



- Not subject to SARA 313
- Not listed under California Proposition 65

SECTION 16: OTHER INFORMATION

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

No warranty is expressed or implied.