



SAFETY DATA SHEET (SDS)

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

Camphor Essential Oil

SECTION 1: IDENTIFICATION OF THE SUBSTANCE AND COMPANY

1.1 Product Identification

Product Name: Camphor Essential Oil
Botanical Name: Cinnamomum camphora
INCI Name: Cinnamomum Camphora (Camphor) Wood Oil
Product Code: PEO1028
CAS Numbers: 8008-51-3; 92704-03-5

1.2 Recommended Use

Concentrated aromatic ingredient that may be used in aromatherapy, natural perfumery, cosmetics and personal care formulations in accordance with applicable legal requirements and IFRA guidelines.

1.3 Supplier Information

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 Hazard Classification

Physical Hazards: Not classified.

Health Hazards

Hazard Class	Category
Skin Corrosion / Irritation	Category 3



Serious Eye Damage / Eye Irritation	Category 2B
Skin Sensitisation	Category 1

Environmental Hazards

Hazard Class	Category
Hazardous to the Aquatic Environment – Acute	Category 3
Hazardous to the Aquatic Environment – Long-Term	Category 4

2.2 Label Elements

Hazard Pictogram: GHS07 – Exclamation Mark

Signal Word: Warning

Hazard Statements

Causes mild skin irritation.
Causes eye irritation.
May cause an allergic skin reaction.
May be harmful if swallowed and enters airways.
Harmful to aquatic life.
May cause long-lasting harmful effects to aquatic life.

2.3 Precautionary Statements

Prevention

P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P264: Wash thoroughly after handling.
P280: Wear protective gloves, protective clothing, eye protection and face protection.

Response

P302+P352: IF ON SKIN: Wash with plenty of water.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333+P313: If skin irritation or rash occurs: Get medical advice or attention.
P337+P313: If eye irritation persists: Get medical advice or attention.
P370+P378: In case of fire: Use appropriate media to extinguish.

Storage

P403: Store in a well-ventilated place.



Disposal

P501: Dispose of contents and container in accordance with local, regional, national and international regulations.

2.4 Hazards Not Otherwise Classified

None known.

2.5 Supplemental Information

The supplied SDS reports that 100% of the substance consists of components of unknown acute dermal toxicity, acute inhalation toxicity, acute aquatic hazard and long-term aquatic hazard.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance Information

Chemical Name	CAS Numbers	EC Number	Concentration
Cinnamomum Camphora (Camphor) Wood Oil	8008-51-3; 92704-03-5	296-431-9	100%

Botanical Name: Cinnamomum camphora

The 100% figure identifies the essential-oil substance; it is not a statement that the oil consists of 100% of one individual chemical constituent.

SECTION 4: FIRST-AID MEASURES

4.1 Description of First-Aid Measures

Inhalation

If breathing is difficult, move the affected person to fresh air and keep them at rest in a position comfortable for breathing.

Oxygen may be necessary if breathing difficulties occur.

Contact a physician if symptoms develop or persist.

Skin Contact

Immediately remove contaminated clothing.

Wash the affected skin thoroughly with soap and water for several minutes.

Obtain medical attention if irritation develops and persists.

Eye Contact



Remove contact lenses if present and easy to do.
Promptly rinse the eyes with plenty of water while lifting the eyelids.
Obtain medical attention if irritation develops and persists.

Ingestion

Immediately contact a physician or poison control centre.
If the affected person is conscious, rinse their mouth with water.
Do not induce vomiting.
If vomiting occurs, keep the head low to prevent vomit from entering the lungs.

4.2 Most Important Symptoms and Effects

Direct eye contact may cause temporary irritation.

4.3 Immediate Medical Attention and Special Treatment

Specific information is not available.

4.4 General Information

Ensure that medical personnel are aware of the material involved and take appropriate precautions to protect themselves.
Show the SDS to the attending physician.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Suitable Extinguishing Media

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

5.2 Unsuitable Extinguishing Media

Do not use a solid water stream, as it may scatter and spread the fire.

5.3 Specific Hazards

Fire may produce irritating, corrosive and/or toxic gases.
Static charges generated when emptying packaging in or near flammable vapour may cause a flash fire.

5.4 Protective Equipment for Firefighters



Firefighters should wear standard protective equipment, including:

- Flame-retardant coat
- Helmet with face shield
- Protective gloves
- Rubber boots
- Self-contained breathing apparatus (SCBA) in enclosed spaces

When fighting fires, use a full-facepiece SCBA operated in positive-pressure demand mode.

5.5 Fire-Fighting Procedures

- Do not breathe fumes generated during a fire or explosion.
- Use standard fire-fighting procedures and consider hazards from other materials involved.
- Move containers away from the fire if this can be done safely.
- Use water spray to cool unopened containers.
- Prevent contaminated firefighting runoff from entering sewers or water sources.
- Ventilate enclosed spaces before entering them.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions

- Eliminate all ignition sources.
- Avoid skin contact and inhalation of spilled material or vapour.
- Keep unnecessary personnel away.
- Do not touch damaged containers or spilled material without suitable protective clothing.
- Ventilate enclosed spaces before entry.

6.2 Containment and Cleaning

- Stop the flow of material if this can be done without risk.
- Contain the spill where possible.

Absorb using inert material such as:

- Dry clay
- Sand
- Diatomaceous earth
- Commercial absorbents
- Vermiculite
- Dry earth

Pumps may be used to recover spilled material where appropriate.

Large Spills

- Contain the spill and cover with a plastic sheet to prevent spreading.
- Absorb using vermiculite, dry sand or earth, and transfer into suitable containers.

Small Spills

- Wipe up with absorbent material such as cloth or fleece.
- Clean the surface thoroughly to remove residual contamination.
- Never return spilled material to the original container for reuse.



6.3 Environmental Precautions

The product is immiscible with water and will spread across the water surface.
Prevent entry into drains, sewers and waterways.
Retain and dispose of contaminated wash water.
Avoid release to the environment.
Contact local authorities if material enters drains or aquatic environments.

6.4 Disposal of Spill Residues

Dispose of the material and its container as hazardous waste, in accordance with applicable regulations.

SECTION 7: HANDLING AND STORAGE

7.1 Safe Handling

Do not handle or store near open flames, heat or other ignition sources.
Take precautions against static discharge.
Ground all equipment used when handling the product.
Avoid breathing vapour.
Avoid contact with eyes, skin and clothing.
Avoid prolonged exposure.
Wash thoroughly after handling.

7.2 Safe Storage

Keep containers tightly closed.

Handle containers carefully and open slowly to control possible pressure release.
Store in a cool, well-ventilated area.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

Occupational Exposure Limits: No PEL, TLV or other recommended exposure limit is stated.
Biological Exposure Limits: None noted for the ingredients.

8.2 Engineering Controls

Provide adequate ventilation.
Use explosion-proof ventilation equipment.



8.3 Personal Protective Equipment

Protection Type	Recommendation
Eye / Face Protection	Safety glasses with side shields or goggles
Hand Protection	Chemical-resistant gloves
Skin Protection	Suitable protective clothing
Respiratory Protection	Not normally required; provide suitable respiratory protection if ventilation is insufficient
Thermal Protection	Appropriate thermal protective clothing when necessary

8.4 Hygiene Measures

Wash after handling the material and before eating, drinking or smoking.
Regularly wash work clothing and protective equipment to remove contamination.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	Colourless to pale yellow liquid
Odour	Sharp, penetrating, camphoraceous, medicinal aroma
pH	Not available
Melting Point / Freezing Point	Not available
Initial Boiling Point / Range	Not available
Flash Point	Not available
Evaporation Rate	Not available
Flammability – Solid / Gas	Not applicable
Vapour Pressure	Not available
Refractive Index at 20 °C	1.462–1.475
Relative Density at 20 °C	0.860–0.910
Water Solubility	Insoluble
Auto-Ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity	Not available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Stable and non-reactive under normal conditions of use, storage and transport.

10.2 Chemical Stability



Stable under normal conditions.

10.3 Possibility of Hazardous Reactions

No dangerous reactions are known under normal conditions of use.

10.4 Conditions to Avoid

Avoid temperatures exceeding the flash point and contact with incompatible materials.

10.5 Incompatible Materials

Strong oxidising agents.

10.6 Hazardous Decomposition Products

No hazardous decomposition products are expected when the material is stored and handled as indicated.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Likely Routes of Exposure

Exposure Route	Information
Inhalation	Knowledge about health hazards is incomplete
Skin Contact	Knowledge about health hazards is incomplete
Eye Contact	Knowledge about health hazards is incomplete
Ingestion	Expected to be a low ingestion hazard

11.2 Symptoms

Direct contact with the eyes may cause temporary irritation.

11.3 Toxicological Effects

Endpoint	Information
Acute Toxicity	Not available
Skin Corrosion / Irritation	Classification not possible due to partial or complete lack of data
Serious Eye Damage / Irritation	Classification not possible due to partial or complete lack of data
Respiratory Sensitisation	Classification not possible due to partial or complete lack of data
Skin Sensitisation	Classification not possible due to partial or complete lack of data
Germ Cell Mutagenicity	Classification not possible due to partial or complete lack of data
Carcinogenicity	Classification not possible due to partial or complete lack of data
Reproductive Toxicity	Classification not possible due to partial or complete lack of data



Specific Target Organ Toxicity — Single Exposure	Classification not possible due to partial or complete lack of data
Specific Target Organ Toxicity — Repeated Exposure	Classification not possible due to partial or complete lack of data
Aspiration Hazard	Classification not possible due to partial or complete lack of data

11.4 Carcinogenicity Listings

IARC Monographs: Not listed.

OSHA Specifically Regulated Substances: Not listed.

US National Toxicology Program Report on Carcinogens: Not listed.

Source-document qualification: Section 2 assigns skin-irritation, eye-irritation and skin-sensitisation classifications, while Section 11 states that classification of these endpoints is not possible due to insufficient data. Both statements have been retained as supplied; they have not been independently reconciled.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Ecotoxicity

Section 12 of the supplied SDS states that the product is not classified as environmentally hazardous.

However, large or frequent spills may have harmful or damaging effects on the environment.

12.2 Persistence and Degradability

No degradability data available.

12.3 Bioaccumulative Potential

No data available.

12.4 Mobility in Soil

No data available.

12.5 Other Adverse Effects

No other adverse environmental effects are expected from this component, including ozone depletion, photochemical ozone creation potential, endocrine disruption or global warming potential.

Source-document qualification: Section 2 assigns acute and long-term aquatic hazard classifications, whereas Section 12 describes the product as not classified as environmentally hazardous. Both statements are preserved from the supplied SDS.



SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Disposal Instructions

Do not discharge into drains, watercourses or onto the ground.

Do not allow the material to enter sewers or water supplies.

Do not contaminate ponds, waterways or ditches with the chemical or used containers.

Dispose of contents and containers in accordance with applicable local, regional, national and international regulations.

13.2 Hazardous Waste Code

Not established.

13.3 Residues and Unused Product

Empty containers and liners may retain product residues.

Dispose of the material and its container safely.

13.4 Contaminated Packaging

Follow label warnings even after the container has been emptied.

Take empty containers to an approved waste-handling facility for recycling or disposal.

SECTION 14: TRANSPORT INFORMATION

Transport Mode	Regulation	Hazard Class	Packing Group	UN Number
Land	RID / ADR	Not Regulated	Not Regulated	Not Regulated
Sea	IMDG	Not Regulated	Not Regulated	Not Regulated
Air	IATA / DGR	Not Regulated	Not Regulated	Not Regulated

The transport classifications above are reproduced from the supplied SDS and have not been independently revalidated.

SECTION 15: REGULATORY INFORMATION

15.1 United States Federal Regulations

Regulation	Status Reported in Supplied SDS
Toxic Substances Control Act (TSCA)	Not regulated
CERCLA Hazardous Substance List, 40 CFR 302.4	Not listed
SARA 304 Emergency Release Notification	Not regulated
OSHA Specifically Regulated Substances, 29 CFR 1910.1001-1053	Not listed
SARA 302 Extremely Hazardous Substance	Not listed
SARA 311/312 Hazardous	No listing stated
SARA 313 – TRI Reporting	Not regulated
Clean Air Act Section 112 – Hazardous Air Pollutants	Not regulated
Clean Air Act Section 112(r) – Accidental Release Prevention	Not regulated



Safe Drinking Water Act	Not regulated
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These entries reproduce the regulatory status reported in the supplied document; they are not a new assessment of current US or UAE regulatory requirements.

SECTION 16: OTHER INFORMATION

16.1 Document Purpose

This SDS provides information for the safe handling, use, processing, storage, transportation and disposal of Camphor Essential Oil.

The information applies to the specified product and does not automatically apply when it is combined with other materials or used in a particular process.

Users are responsible for evaluating safety in their intended application and implementing appropriate handling procedures.

Authorised by:

Fozia Khot
Director