



AROMA BANO

MATERIAL SAFETY DATA SHEET

Bergamot Essential oil

Section 1: Chemical Product and Company Identification

Product Name: Bergamot Essential Oil

CAS#:8007-75-8

EC NO. :289-612-9

REACH registration No --/--

TSCA: TSCA 8(b) inventory: Citrus Bergamia Oil

Synonym: Citrus Bergamia Oil

Chemical Name: Citrus Bergamot Oil.

Chemical Formula: Not available.

Relevant identified uses of the substance: Professional use only

Origin of Plant: India

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Detail of the manufacture of essential oil: AOS PRODUCTS PVT. LTD. Manufacturer in Ghaziabad, India

Address: S-33, South Side G.T Rd, Industrial Area, Bulandshahr Road Industrial Area, Ghaziabad, Uttar Pradesh 201009,

India Phone: +91 120 410 6666 www.aosnaturaloils.com

SECTION 2: Hazards identification

Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008

Flammable liquids, Hazard Category 3; H226

Skin corrosion/irritation, Hazard Category 2; H315

Serious eye damage/eye irritation, Hazard Category 2; H319

Sensitization — Skin, Hazard Category 1; H317

Aspiration hazard, Hazard Category 1; H304

Long-term (chronic) aquatic hazard, category chronic 3; H412.

EC Number: 289-612-9



GHS02

GHS07

GHS08

Signal word: Danger

Hazard Statements:

H226: Flammable liquid and vapor.

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H412: Harmful to aquatic life with long lasting effects.

Precautionary Statements:

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P280: Wear protective gloves/eye protection/face protection.

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor.

P331: Do NOT induce vomiting.

P337+P313: If eye irritation persists: Get medical advice/attention.

P501: Dispose of contents/container to an approved waste disposal plant.

Other hazards: Not available.

SECTION 3: Composition/information on ingredients

3.1 Substances

Concentration range of the constituent (% weight/weight)	EC number / Registration number	CAS	Chemical name
≥50% and ≤100	289-612-9 01-2120117613-65	8007-75-8	Bergamot, ext

The chemical identity of any impurity, stabilizing additive, or individual constituent other than the main constituent:

Chemical name	Concentration (%)	CAS	EC Number	Hazard Class and Category Code; Hazard statement codes
(R)-p-Mentha-1,8-diene	<45,00	5989-27-5	227-813-5	Flam. Liq. 3;H226- Skin Irrit. 2;H315- Skin Sens. 1;H317- Asp. Tox. 1;H304- Aquatic Acute 1;H400- Aquatic Chronic 1;H410 [A]
Linalool	<17,00	78-70-6	201-134-4	Skin Irrit. 2;H315- Eye Irrit. 2;H319- Skin Sens. 1B;H317 [A]
Pinene	<7,00	1330-16-1	215-533-6	Flam. Liq. 3;H226- Skin Irrit. 2;H315- Skin Sens. 1;H317- Asp. Tox. 1;H304- Aquatic Acute 1;H400- Aquatic Chronic 1;H410 [A]

SECTION 4: First aid measures

4.1 Description of first aid measures

Consumption: If swallowed, rinse mouth with water.
Seek medical advice immediately and show this container or label.
Keep the person at rest. Do NOT induce vomiting.

Eye contact: Contact lenses should be removed. Hold eyelids open and flush with copious amounts of clean, fresh water and seek medical advice.

Inhalation: Remove person to fresh air and keep at rest.

Skin contact: Remove contaminated clothing. Wash skin with mild soap and water, rinse abundantly. If symptoms persist, obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed:

Irritating to skin or mucous membranes (inflammation). If ingested, it may cause temporary irritation to the gastrointestinal (digestive) tract. Causes serious eye irritation.
May produce an allergic reaction (rash, urticarial).
Aspiration hazard. May cause lung damage if swallowed (aspiration toxicity includes severe acute effects such as chemical pneumonia, varying degrees of pulmonary injury or death following aspiration). Read label before use. No additional information available.

4.3 Indication of any immediate medical attention and special treatment needed

Not available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Recommended: Foam or dry powder.
For safety reasons do not use full water jet.

5.2 Special hazards arising from the substance or mixture

Not applicable.

5.3 Advice for firefighters

Closed containers may build up pressure at elevated temperatures.

Avoid inhalation of fumes or vapours. Use appropriate respiratory protection. Prevent run-off from fire fighting to enter drains or water courses.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Do NOT smoke and do NOT expose the product to an open flame or to any other potential source of ignition.
Wear appropriate gloves to prevent skin exposure.
Avoid contact with skin and inhalation of its vapors or smoke.
Maintain adequate ventilation in the working area after spilling.

6.2 Environmental precautions

Avoid contaminating the environment via the sewers or water sources.

6.3 Methods and material for containment and cleaning up

Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash).
Ventilate area and wash spill site after material pickup is complete. Dispose of in accordance with current laws and regulations.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Keep away from food, drink and animal feeding stuffs. Do not smoke.
Avoid contact with skin and eyes.
Handle in accordance with good industrial hygiene and safety practice.

7.2 Conditions for safe storage, including any incompatibilities

Keep the product in its original container well sealed, in a dry and ventilated area, away from potential sources of ignition and protected from light. Store in accordance with local/national regulations and follow the warnings on the label. Keep away from incompatible substances (see section 10).

SECTION 8: Exposure controls/personal protection

Personal protection equipment: Appropriate personal protective equipment shall be worn in accordance with Regulation (EU) 2016/425. Engineering Controls-Ventilation: The areas where the product is handled and stored should be adequately ventilated.

Respiratory Protection: Use personal breathing apparatus whenever deemed necessary.

Skin Protection: Avoid contact with skin. Compatible chemical-resistant gloves are recommended.
Rinse and remove gloves immediately after use. Wash hands with soap and water thoroughly after handling.

Eye/Face protection: Chemical safety goggles are recommended. Wash contaminated goggles before reuse.



Personal protective equipment symbol(s):

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	LIQUID
Color:	COLORLESS TO YELLOW
Odor:	FRUITY
pH value:	Not determined
Evaporation rate:	Not determined
Melting point:	Not determined
Boiling point:	Not determined
Flash point:	55 °C
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined

Vapour pressure:	Not determined
Vapour density:	Not determined
Density:	0.84- 0.88 g/cm ³ (20 °C)
Water solubility:	Not determined
Partition coefficient: n-octanol/water:	Not determined
Viscosity: Not determined Kinematic viscosity:	
Not determined Oxidising properties:	Not available.
Explosive properties:	Not available.
Lower explosive limit:	Not determined
Upper explosive limit:	Not determined

9.2 Other information

Additional information: Not applicable.

SECTION 10: Stability and reactivity

Reactivity: Not available.

Chemical stability :Stable under normal operating conditions.

Possibility of hazardous reactions :Hazardous Polymerization: It does not undergo any dangerous reactions under normal conditions.

Conditions to avoid :Heat, flames and other sources of ignition.

Handle in accordance with good industrial hygiene and safety practice.

Incompatible materials :Oxidizing mineral acids, strong reducing agents, strong oxidizing agents.

Hazardous decomposition products :Carbon monoxide and other unidentified organic compounds may be formed upon combustion.

SECTION 11: : Toxicological information

Acute toxicity (oral) : Not classified

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Not classified

Bergamot Essential Oil (8007-75-8, 89957-91-5)	
LD50 oral rat	10000 mg/kg
LD50 dermal rabbit	20000 mg/kg

Skin corrosion/irritation : Causes skin irritation.

Serious eye damage/irritation : Causes serious eye irritation.

Respiratory or skin sensitisation : May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

SECTION 12: : Ecological information

Ecology - general : Very toxic to aquatic life. Before neutralisation, the product may represent a danger to aquatic organisms. Harmful to aquatic life with long lasting effects.

Acute aquatic toxicity : Not classified

Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.

Bergamot Essential Oil (8007-75-8, 89957-91-5)	
LC50 fish 1	18 mg/l
EC50 Daphnia 1	33 mg/l
EC50 72h algae (1)	10 mg/l

EC50 72h algae (2)

21 mg/l

SECTION 13: Disposal considerations

Waste treatment methods

Container disposal:

Containers must be disposed of as hazardous waste. Do not reuse empty containers. Dilute the remaining material and neutralise. Empty residue into a suitable disposal site.

Disposal conditions:

Dispose of in accordance with all state and local environmental regulations. This material and its container must be disposed of in a safe way.

SECTION 14: Transport information

International Carriage of Dangerous Goods by Road (ADR)

UN No.: UN1993
Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. (Contains Bergamot, ext)
Packing Group: III
Class: 3
Tunnel restriction code: (D/E)
Label: 3



Sea Transport (IMDG)

UN No.: UN1993
Proper Shipping Name: Flammable liquid, n.o.s. (Contains Bergamot, ext)
Packing Group: III
Class: 3
Subsidiary hazard: -
Marine Pollutant: No
Label: 3



UN No.: UN1993
Proper Shipping Name: Flammable liquid, n.o.s. (Bergamot, ext)
Packing Group: III
Class: 3
Subsidiary hazard: -
Label: 3



SECTION 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture Not available

Chemical safety assessment Not available.

No REACH Annex XVII restrictions

Bergamot Essential Oil is not on the REACH Candidate List

Bergamot Essential Oil is not on the REACH Annex XIV List

Bergamot Essential Oil is not subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals.

Bergamot Essential Oil is not subject to Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC

SECTION 16: Other information

Text of hazard statement codes in section 3 (impurities, stabilizing additives, constituents):

- H226: Flammable liquid and vapor.
- H304: May be fatal if swallowed and enters airways.
- H315: Causes skin irritation.
- H317: May cause an allergic skin reaction.
- H319: Causes serious eye irritation.
- H400: Very toxic to aquatic life.
- H410: Very toxic to aquatic life with long lasting effects.

This material should only be used for industrial purposes.

Key literature references and sources for data:

1. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.
2. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
3. Occupational Exposure Limits by the INSHT (Spanish National Institute of Safety and Hygiene at Work).

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