

1. Identification of Substance, Preparation and Company

Product Name: Flavour Oil – Organic Lemon

Company Name: Bathbomb.biz limited
Company Address: Unit 4 Bessemer Park
Bessemer Road
Basingstoke
Hampshire
RG21 3NB

Emergency Phone Number: 01256 474889

2. Composition Information on Ingredients

Definition / Botanical Origin: Blend of permitted artificial, nature identical and artificial flavouring substances and flavouring preparations.

CAS No: Not Applicable

Status: Artificial

Application: Food products

INCI Name: Aroma

Ingredients Declaration: Flavouring

3. Hazards Identification

Xn Harmful; N Dangerous for the environment

4. First Aid Measures

Inhalation: Remove from exposure site to fresh air. Keep at rest. Obtain medical attention.

Eye Exposure: Rinse immediately with plenty of water for at least 15 mins. Contact a doctor if symptoms persist.

Skin Contact: Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water. If irritation persists, seek medical advice.

Ingestion: Rinse mouth out with water. Seek medical advice **immediately**

Others: Take Risk and Safety phrases (section 15) into consideration.



5. Fire Fighting Measures

Extinguishing Media Recommended:	Use CO ₂ , Dry Powder or Foam Extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material.
Special Measures:	Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.
Extinguishing Procedures:	Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

6. Accidental Release Measures

Personal precautions:	Avoid inhalation & direct contact with skin & eyes. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages..
Environmental precautions: Cleaning up methods for spillages:	Keep away from drains, soils, surface & ground waters. Remove all potential ignition sources. Contain spilled material. Cover with an inert or non-combustible inorganic absorbent material, sweep up and remove to an approved disposal container. Observe local disposal regulations.

7. Handling and Storage

Precautions in handling:	Apply good manufacturing and industrial hygiene practices ensuring proper ventilation. Do not drink, eat or smoke while handling. Observe good personal hygiene.
Storage conditions:	Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum.
Fire protection:	Keep away from ignition sources and naked flame. Take precautions to avoid static discharges in working area.

8. Exposure Controls / Personal Protection

Respiratory protection:	Avoid breathing product vapour. Apply local ventilation where possible..
Ventilation:	Ensure good ventilation of working area.
Hand protection:	Avoid all skin contact. Use chemically resistant gloves if required.
Eye protection:	Wear safety glasses.
Work/Hygiene practices:	Wash hands with soap & water after handling.



9. Physical and Chemical Properties

Colour:	Pale yellow to greenish yellow
Appearance:	Mobile liquid
Odour:	Characteristic of fresh lemon peel
Flash Point (°C):	45 - 53
Specific gravity @ 20°C:	0.845 - 0.855
Refractive Index @ 20°C:	1.470 - 1.478

10. Stability and Reactivity

Reactivity:	Presents no significant reactivity hazard, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidising agents.
Decomposition:	Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.

11. Toxicological Information

For Lemon oil, Opdyke D.J. (1974) found expressed lemon oil to be non-toxic and non-irritating to human skin, but to be irritating to mouse skin. (However see section 126). Photo-toxic effects were caused by furanocoumarin content (FCT 12,725 Binder p491). IFRA recommends that for application of areas of skin exposed to sunshine, expressed lemon oil be limited to a maximum of 2% in the final product except for bath preparations, soaps and other products to be washed off the skin: Code of Practice (Amendments 1992)
LD50 orl rat >2840mg/Kg (NIOSH 1975)

12. Ecological Information

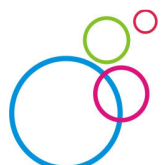
Very toxic to aquatic organisms; may cause long-term adverse effects in the aquatic environment.

BIODEGRADABILITY: Data not available

PRECAUTIONS: Prevent surface contamination of soil, ground & surface water.

13. Disposal Considerations

- Dispose of according to local regulations
- Avoid disposing into drainage systems and into the environment



MATERIAL SAFETY DATA SHEET
ORGANIC LEMON FLAVOUR OIL



14. Transport Information

UN 1993:	Applies
Road (ADR/RID):	Class 3 Packing Group III
Air (IATA):	Class 3 Packing Group III
Sea (IMDG)	Class 3 Packing Group III
CHIP:	See section 15

15. Regulatory Information

HAZARDS:	Harmful, Dangerous for the environment
SYMBOLS:	Xn, N
RISK PHRASES:	R10 Flammable liquid R38 Irritating to the skin R43 May cause sensitisation by skin contact R50/53 Very toxic to aquatic organisms; may cause long-term adverse effects in the aquatic environment R65 Harmful: may cause lung damage if swallowed
SAFETY PHRASES:	S24 Avoid contact with skin S37 Wear suitable gloves S61 Avoid release to the environment. Refer to special instructions/safety data S62 If swallowed, do not induce vomiting, but seek medical advice immediately and show this container or label

16. Other Information

Cosmetics Directive 7th Amendment: Restrictions may apply. A source of Citral, Geraniol, Limonene and Linalool, listed as sensitisers. Check maximum usage levels for skin care products.



16. (Cont) Other Information

16.1. Packaging

Type	Suitability
Glass:	Yes
Lacquer lined steel / tin:	Yes
Aluminium:	Yes
HPPE:	No
F/HDPE:	Yes
Other plastic:	No

16.2. Shelf Life

When stored within advised conditions, re-test after 12 months and then at 3 monthly intervals up to a maximum life of 24 months.

16.3. QC Requirements

In-line with general product specification. Always satisfy suitability for specific application.

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its' correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use..

Should you have any questions relating to the use of this product, please contact bathbomb.biz Ltd either by phone (01256 474889) or by email (fizzy@bathbomb.biz) .