

SAFETY DATA SHEET

Issue: 01.01.2016

TRADE NAME: LEMON OIL SICILIAN

1 Identification of the substance/mixture and of the company/undertaking

Trade name: LEMON OIL SICILIAN

Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Ancient Wisdom Marketing Ltd

Block B, Parkwood Business Park, 75 Parkwood Road, Sheffield S3 8AL

TEL: 0114 272 9165

FAX: 0114 270 6571

EMAIL: care@ancientwisdom.biz

Emergency telephone number: 0114 272 9165

2 Hazards identification

2.1 Classification of the substance or mixture

Directive criteria, 67/548/CE, 99/45/EC and the following amendments thereof:

The product is a liquid that can catch fire at temperatures in excess of 21°C if exposed to an ignition source.

If brought into contact with the skin, the product causes appreciable inflammation, with erythema, scabs and oedema.

If brought into contact with the skin, the product may cause sensitisation of the skin.

This product is a threat to the environment; it is highly toxic for aquatic organisms following acute exposure.

The product is harmful: may cause lung damage if swallowed.

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

Regulation (EC) No 1272/2008 (CLP):

Flammable liquid and vapour.

May be fatal if swallowed and enters airways.

Causes skin irritation.

May cause an allergic skin reaction.

Very toxic to aquatic life.

Very toxic to aquatic life with long lasting effects.

Adverse physicochemical, human health and environmental effects: No data available.

2.2 Label elements

Regulation 67/548/CE Dir.(EuDanger):

N	Dangerous for the environment
Xn	Harmful
R10	Flammable
R38	Irritating to skin
R43	May cause sensitization by skin contact
R50/R53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: May cause lung damage if swallowed.
S24	Avoid contact with skin

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S37	Wear suitable gloves
S61	Avoid release to the environment. Refer to special instructions/Safety Data sheets.
S62	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation

Hazard pictograms



Signal Word

Danger

Hazard statements

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

Precautionary statements

P273	Avoid release to the environment
P280	Wear protective gloves/protective clothing/eye protection/face protection
P301+P310	IF SWALLOWED: Immediately call a Poison Centre or doctor.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P405	Store locked up
P501	Dispose of contents/container to

2.3 Other hazards

Results of PBT/vPvB assessment:

No data available to conclude presence of PBT.

3 Composition/information on ingredients

Chemical Characterisation: LEMON OIL SICILIAN

Limonene			60-70%
Cas-no: 5989-27-5	EC No: 227-813-5		
Classification (EC 1272/2008) Flam. Liq. 3 – H226 Skin Irrit. 2 – H315		Classification (67/548/EEC) Xi; R38	

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Skin Sens. 1 – H317 Aquatic Acute 1 – H400 Aquatic Chronic 1 – H410		N; R50/53 R10, R43	
Pinenes			12.5-15%
Cas-no:	EC No:		
Classification (EC 1272/2008) Skin Sens. 1 – H317 Aquatic Acute 1 – H400 Aquatic Chronic 1 – H410		Classification (67/548/EEC) Xi; R43 N; R50/53	
g-Terpinene			10-12.5%
Cas-no: 99-85-4	EC No: 202-794-6		
Classification (EC 1272/2008) Flam. Liq. 3 – H226 Asp.Tox. 1 – H304		Classification (67/548/EEC) Xn; R10 R65	
Citral			3-5%
Cas-no: 5392-40-5	EC No: 226-394-6		
Classification (EC 1272/2008) Skin Irrit. 2 – H315 Skin Sens. 1 – H317		Classification (67/548/EEC) Xi; R38 R43	

The full text of all R-Phrases and Hazard Statements are displayed in Section 16.

Identification number(s)

EC/EINECS Number:

CAS Number: 8008-56-8

Additional Information: Refer to section 16

4 First Aid Measures

4.1 Description of first aid measures

First Aiders should wear protective equipment when assisting victim.

Inhalation:

Remove casualty to fresh air and keep warm and at rest.

If the person cannot be removed, ventilate the premises. OBTAIN MEDICAL ATTENTION.

Loosen tight clothing such as collar, tie, belt or waistband.

Ingestion:

DO NOT INDUCE VOMITING!

OBTAIN A MEDICAL EXAMINATION IMMEDIATELY and present the safety data sheet.

Never give anything by mouth to an unconscious person.

Skin contact:

Areas of the body that have – or are only even suspected of having – come into contact with the product must be rinsed immediately with plenty of running water and possible with soap.

Immediately remove any contaminated clothing, shoes.

Eye contact:

Wash immediately with water for at least 10 minutes.

4.2 Most important symptoms and effects, both acute and delayed

Skin irritation

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Erythema

4.3 Indication of immediate medical attention and special treatment needed

In case of accident or feeling unwell, seek medical advice immediately (show directions for use or safety data sheet if possible)

5 Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents:

Use as appropriate: Carbon dioxide (CO₂) or dry chemical fire extinguishers.

Unsuitable extinguishing media:

Water jet

5.2 Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

Vapours may form an explosive mixture with air.

Container may explode in the heat of a fire. Cool the containers exposed to the fire with water.

5.3 Advice for firefighters

Move undamaged containers from immediate hazard area if it can be done safely.

Use full face, self-contained breathing apparatus and appropriate protective clothing.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition.

Remove persons to safety.

Use a mask, protective, solvent-resistant gloves, safety glasses and protective clothing.

See protective measures under section 7 and section 8.

6.2 Environmental precautions:

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose of it following local legislation.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities if required.

Eliminate all unguarded flames and possible sources of ignition. Do not smoke.

6.3 Methods and material for containment and cleaning up:

Suitable material for taking up: dry and inert absorbing material (eg: vermiculite, sand, earth)

Wash with plenty of water.

Rapidly recover the product.

6.4 Reference to other sections

See also section 8 and section 13.

7 Handling and storage

Handling:

7.1 Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Do not use empty container before they have been cleaned.

Before making transfer operations, assure that there are not any incompatible material residuals in the container.

Contaminated clothing should be changed before entering eating areas.

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Do not eat or drink while working.
Do not smoke while working.
Ground all equipment containing the material. Use spark-proof tools and explosion-proof equipment.
Do not pressurize, cut, weld, solder or expose empty containers to heat, sparks or open flames.
Store in original container.
See also section 8 for recommended protective equipment.
7.2 Conditions for safe storage, including any incompatibilities
Keep away from unguarded flame, sparks and heat sources. Avoid direct exposure to sunlight.
Keep in cool, adequately ventilated premises.
7.3 Specific end use(s):
No further relevant information available.

8 Exposure controls/personal protection

8.1 Control parameters

Work/Hygiene practices: good personal hygiene practices should be used. Wash after any contact, before eating and at the end of the work period.

8.2 Exposure controls

Respiratory protection:

Not needed under normal use in well ventilated areas.

Hand protection:

Use protective gloves that provide comprehensive protection, eg P.V.C., neoprene or rubber.

Eye/face protection:

Not needed for normal use. Operate according to good working practices.

Skin protection:

Use clothing that provides comprehensive protection to the skin, eg. Cotton, rubber, PVC or viton.

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	liquid
Odour	Characteristic
Solubility	
Relative density ^{Re}	
Flash Point (°C)	49
Refractive Index ^{Re}	
Optical Rotation	

10 Stability and reactivity

10.1 Reactivity

Stable under normal conditions.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions:

Burning produces carbon monoxide and/or carbon dioxide.

10.4 Conditions to avoid:

Stable under normal conditions of temperature and pressure.

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Avoid exposure to heat and flames.

10.5 Incompatible materials:

Avoid contact with combustible materials. The product could catch fire.

10.6 Hazardous decomposition products:

Burning produces carbon monoxide (CO) and/or Carbon dioxide (CO₂)

11 Toxicological information

Results of the toxicological assessment:

Limonene	LD50 oral Rat = 4400mg/kg
	LD50 Skin Rabbit > 2000mg/kg
g-Terpinene	LD50 Oral Rat = 3650mg/kg
Citral	LD50 Skin Rabbit = 2250mg/kg
	LD50 Skin Rat > 2000mg/kg
	LD50 Oral Rat = 4950mg/kg

No further data available

12 Ecological information

Toxicity

Adopt good working practices, so that the product is not released into the environment.

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

No further data available.

13 Disposal considerations

13.1 Waste treatment methods

Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

14 Transport information

UK ROAD CLASS	3		
PROPER SHIPPING NAME	EXTRACTS, AROMATIC LIQUID		
AIR TRANSPORT NOTES	Packing instructions (Cargo) 310 Packing instructions (Passenger) 309		
UN No. ROAD	1169	UK ROAD PACK GR.	III
ADR CLASS	Class 3: Flammable Liquid	TUNNEL RESTRICTION CODE	
HAZARD No. (ADR)	30 Flammable Liquid (flash-point between 23° and 61°C, inclusive) or flammable liquid or solid in the molten state with a flash-point above 61°C, heated to a temperature equal to or above its flash-point, or self heating liquid	HAZCHEM CODE	

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UN No. SEA	1169	IMDG CLASS	3
IMDG PACK GR.	111	UN No. AIR	1169
AIR CLASS	3	AIR PACK GR.	III

15 Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Dir. 67/548/EEC (Classification, packaging and labelling of dangerous substances). Dir. 99/45/EEC (Classification, packaging and labelling of dangerous preparations). Dir. 98/24/EC (Risks related to chemical agents at work). Dir. 2000/39/EC (Occupational exposure lime values): Dir. 2006/8/CE. Regulation (CE) n. 1907/2006 (REACH). Regulation (CE) n. 1272/2008 (CLP), Regulation (CE) n. 790/2009. Directive 2003/105/CE ('activities linked to risks of serious accidents') and subsequent amendments.

WGK:

2: Hazard to waters.

16 Other information

Risk phrases in full

R10	Flammable
R38	Irritating to 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

Hazard statements in full

H226	Flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
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Reference and further information

DISCLAIMER:

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.