



MATERIAL SAFETY DATASHEET

001108

LIME TERPENES

09/08/2016

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

Product Name : LIME TERPENES AOL Material Code : 001108
Use of substance/mixture :
Company : Augustus Oils Ltd
Augustus House
Mill Lane
Alton
Hampshire
GU34 2QG UK
email address : essentials@augustus-oils.ltd.uk
telephone : +44 1420 590555
emergency telephone : +44 1420 590555

2. Hazard identification

GHS Classification

Flammable Liquid 3
Skin Irritation 2
Skin Sensitization 1
Aspiration Toxicity 1
Aquatic Chronic 1

GHS Labelling

Symbol :



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
H410 Very toxic to aquatic life with long lasting effects

precaution statements : P210 Keep away from heat/sparks/open flames/hot surfaces - No smoking
 P243 Take precautionary measures against static discharge
 P280 Wear protective gloves/protective clothing/eye protection/face protection
 P264 Wash thoroughly after handling
 P261 Avoid breathing dust/fume/gas/mist/vapours/spray
 P272 Contaminated work clothing should not be allowed out of the workplace
 P273 Avoid release to the environment
 P303+361+353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
 P362 Take off contaminated clothing and wash before reuse
 P333+313 If skin irritation or a rash occurs: Get medical advice/attention
 P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
 P331 Do NOT induce vomiting
 P403+235 Store in a well ventilated place. Keep cool
 P501 Dispose of contents/container in accordance with local regulations

Classification according to EU Directives 67/548/EEC or 1999/45/EC

Classified as: HARMFUL
 Symbol: Xn !

R-phrases:

R10: Flammable
 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.

S-phrases:

S24: Avoid contact with the skin
 S36/37/39: Wear suitable protective clothing, gloves and eye/face protection
 S61: Avoid release to the environment. Refer to special instructions/Safety data sheet
 S62: If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.

3. Composition/information on ingredients

Botanical Name : Citrus aurantifolia
 Characterisation : Essential oils
 Molecular formula :
 Molecular weight :
 CAS no : 68917-71-5
 EINECS no : 290-010-3
 FEMA :

Substances within the mixture

This product contains:		EINECS	CAS
100%	Lime Terpenes Fla3,Ski2,Sen1,ACh1,Asp1	R 10,38,43,50/53,65: H 226,304,315,317,410	290-010-3 8008-26-2

For full text of R phrases see section 16

4. First aid measures

Inhalation : In case of excessive inhalation remove the person to fresh air and keep at rest in a comfortable position. Obtain medical advice immediately.

Skin contact : Avoid prolonged contact with skin - wash off with soap and water. If persistent irritation is observed seek medical advice.

- Eye contact : Rinse the eyes immediately with plenty of water for at least ten minutes. If any sign of tissue damage or persistent irritation is apparent, obtain medical advice immediately.
- Ingestion : Rinse mouth with water. If swallowed, do not induce vomiting. Seek medical advice immediately.

5. Fire-fighting measures

- Extinguishing media : Carbon dioxide, foam, dry chemical
Do not use a direct water jet.
- Special hazards : CO/CO₂, Smoke
- Advice for firefighters : Avoid inhalation of smoke and fumes. In case of insufficient ventilation wear suitable respiratory equipment.

6. Accidental release measures

- Personal precautions : Gloves and eye protection should be worn when handling spillages. Avoid flames or other potential sources of ignition.
Avoid skin/eye contact and inhalation of vapour.
Good personal washing routines should be followed after accidental release. Ensure adequate ventilation in working areas following accidental release.
- Environmental precautions: Do not allow discharge into drains, soil or any aquatic environment.
- Methods for cleaning up : Remove all sources of ignition. Provide effective ventilation. Absorb spillages on porous inert material such as earth, sand or vermiculite and dispose of in accordance with local regulations.
- Large spillages should be contained by use of sand or other inert material, transferred to suitable container and recovered or disposed of in accordance with local regulations.

See also sections 8 and 13

7. Handling and storage

- Precautions for safe handling: Handle in accordance with good occupational hygiene and safety practices in a well ventilated area.
Avoid direct contact with skin and eyes. Depending on working conditions, this may include wearing of eye protection and protective clothing such as PVC gloves and suitable overalls.
Wash hands after use
Remove protective equipment and contaminated clothing before entering eating areas
Avoid breathing vapours especially if the material is hot.
- Conditions for safe storage: Store in full, dry, airtight containers away from sources of heat and light. Do not re-use the empty container.
- Uses and applications : Flavours

8. Exposure controls/personal protection

- Exposure parameters : No specific exposure limits found.

Respiratory Protection	:	Where ventilation may be inadequate, wear self-contained breathing apparatus.
Hand protection	:	Wear impervious gloves.
Skin protection	:	Wear protective clothing.
Eye protection	:	Wear eye protection e.g. Safety glasses/goggles
Engineering measures	:	None found

9. Physical and chemical properties

Appearance	Colourless to pale yellow liquid
Odour	Characteristic
Odour threshold	Data not available
pH	Data not available
Melting point	Data not available
Initial boiling point	Data not available
Boiling Range	Data not available
Flash point	45°C
Evaporation rate	Data not available
Flammability	Data not available
Upper flammable limit	Data not available
Lower flammable limit	Data not available
Upper explosive limit	Data not available
Lower explosive limit	Data not available
Vapour pressure	Data not available
Vapour Density	Data not available
Relative Density	Data not available
Solubility	Data not available
Partition coefficient n-octanol/water	Data not available
Autoignition temperature	Data not available
Decomposition temperature	Data not available
Viscosity	Data not available
Explosive properties	Data not available
Oxidising properties	Data not available

10. Stability and reactivity

Stability:	Stable at ambient temperatures
Incompatible Materials:	Avoid oxidising agents
Conditions to avoid:	None known
Hazardous Decomposition Products:	No data available

11. Toxicological information

Acute toxicity	Data not available
Skin corrosion/irritation	Data not available
Respiratory or skin sensitization	Data not available
Serious eye damage/irritation	Data not available
Germ cell mutagenicity	Data not available
Carcinogenicity	Data not available
Reproductive toxicity	Data not available
STOT single exposure	Data not available
STOT repeat exposure	Data not available
Aspiration hazard	Data not available

12. Ecological information

Toxicity data	Data not available
Persistence and degradability data	Data not available
Bioaccumulative potential	Data not available

13. Disposal considerations

Dispose in accordance with local regulations. Avoid release into drainage systems and into the environment.

14. Transport information

UN No	: 1993
Shipping Name	: Flammable liquid, n.o.s.
Class	: 3
Packing Group	: III

15. Regulatory information

This datasheet has been compiled in accordance with 'COMMISSION REGULATION (EU) No 453/2010, Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)'

16. Other information

Changes since the last update

All sections changed due to CLP regulation

Section 3 R and H phrases in full

R 10 Flammable
R 38 Irritating to the skin
R 43 May cause sensitisation by skin contact
R 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R 65 Harmful; may cause lung damage if swallowed.

H 226 Flammable liquid and vapour
H 304 May be fatal if swallowed and enters airways
H 315 Causes skin irritation
H 317 May cause an allergic skin reaction
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Fla3 Flammable Liquid 3
Ski2 Skin Irritation 2
Sen1 Skin Sensitization 1
ACh1 Aquatic Chronic 1
Asp1 Aspiration Toxicity 1

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