



SAFETY DATA SHEET.

according to Regulation (EC) No. 1907/2006

Issuing date 16/02/2011

Revision Date 30-Mar-2012

Version 3

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

Product identifier

Product code 23600/180000313
Product name CE OIL LIME TERPENELESS 17351 LOT

Relevant identified uses of the substance or mixture and uses advised against Relevant identified uses of the substance or mixture and uses advised against

Recommended use No information available

Uses advised against No information available

Details of the supplier of the safety data sheet

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Emergency telephone - §45 - (EC)1272/2008

Europe 112

2. Hazards identification

Classification of the substance or mixture

Aspiration toxicity	Category 1
Skin corrosion/irritation	Category 2
Skin sensitisation	Category 1
Chronic aquatic toxicity	Category 2

Classification according to EU Directives 67/548/EEC or 1999/45/EC
For the full text of the R-phrases mentioned in this Section, see Section 16

Symbol(s) Xi - Irritant
R-code(s) R38

Label elements



Signal word
DANGER

Hazard statements

H304 - May be fatal if swallowed and enters airways
H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H411 - Toxic to aquatic life with long lasting effects

Precautionary statements

P312 - Call a POISON CENTER or doctor/ physician if you feel unwell
P264 - Wash face, hands and any exposed skin thoroughly after handling
P332 + P313 - If skin irritation occurs: Get medical advice/ attention
P362 - Take off contaminated clothing and wash before reuse
P261 - Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray
P272 - Contaminated work clothing should not be allowed out of the workplace
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water
P333 + P313 - If skin irritation or rash occurs: Get medical advice/ attention
P321 - Specific treatment (see supplemental first aid instructions on this label)
P363 - Wash contaminated clothing before reuse
P273 - Avoid release to the environment
P391 - Collect spillage
P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician
P331 - Do NOT induce vomiting
P405 - Store locked up
P303 + P361 + P353 - IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower

2.3
Ozone

Other information
Not classified

3. Composition/information on ingredients

Chemical Name	EC-No	CAS-No	Weight percent	Classification (67/548)	GHS Classification	REACH Registration Number
Alpha Terpineol	202-680-6	98-55-5	40-60	Xi;R38	Skin Irrit. 2 (H315)	no data available
Terpinene-4-ol	209-235-5	562-74-3	2-10	Xn;R22 Xi;R38	Skin Irrit. 2 (H315) Acute Tox. 4 (H302)	no data available
Terpinolene	209-578-0	586-62-9	2-10	FL;R10 Xn;R65 N;R51/53	Asp. Tox. 1 (H304) Aquatic Chronic 2 (H411) Flam Liq. 3 (H226)	no data available
Bisabolene	241-610-9	17627-44-0	1-5	Xn; R65 Xi; R38 R43	Asp. Tox. 1 (H304) Skin Irrit. 2 (H315) Skin Sens. 1 (H317)	no data available
p-Mentha-1,4-diene	202-794-6	99-85-4	0-2.5	FL;R10 Xn;R65 Xi;R38 R43 N;R50/53;	Asp. Tox. 1 (H304) Skin Irrit. 2 (H315) Skin Sens. 1 (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) Flam Liq. 3 (H226)	no data available
Caryophyllene	201-746-1	87-44-5	0-2.5	Xn;R65	Asp. Tox. 1 (H304)	no data available
Limonene	227-813-5	5989-27-5	0-2.5	FL;R10 Xn;R65 Xi;R38 R43 N;R50/53;	Asp. Tox. 1 (H304) Skin Irrit. 2 (H315) Skin Sens. 1 (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) Flam Liq. 3 (H226)	no data available

For the full text of the R-phrases mentioned in this Section, see Section 16

4. First aid measures

Description of first aid measures Description of first aid measures

Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician
Skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes
Ingestion	Clean mouth with water If swallowed, do not induce vomiting - seek medical advice
Inhalation	Move to fresh air

Most important symptoms and effects, both acute and delayed

Indication of any immediate medical attention and special treatment needed Indication of any immediate medical attention and special treatment needed

Notes to physician

Treat symptomatically

5. Fire-fighting measures

Extinguishing media Extinguishing media

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

Extinguishing media which shall not be used for safety reasons

Water

Special hazards arising from the substance or mixture

Special hazard

No information available

Advice for fire-fighters Advice for firefighters

Special protective equipment for fire-fighters

As in any fire, wear self-contained breathing apparatus and full protective gear

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation

Use personal protective equipment

Environmental precautions

Prevent further leakage or spillage if safe to do so

See Section 12 for additional Ecological Information

Methods and material for containment and cleaning up Methods and materials for containment and cleaning up

Contain spillage, and then collect with non-combustable absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

7. Handling and storage

7.1 Precautions for safe handling

Ensure adequate ventilation

Handle in accordance with good industrial hygiene and safety practice

Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place

Specific end uses

8. Exposure controls/personal protection

Control parameters

Derived No Effect Level (DNEL) No information available

Predicted No Effect Concentration (PNEC) No information available

Exposure controls

Engineering measures Ensure adequate ventilation, especially in confined areas

Personal protective equipment

Eye protection	Tightly fitting safety goggles
Hand protection	Protective gloves
Skin and body protection	Wear suitable protective clothing.
Respiratory protection	None under normal use conditions

Hygiene measures Handle in accordance with good industrial hygiene and safety practice

Environmental exposure controls The product should not be allowed to enter drains, water courses or the soil

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state liquid

<u>Property</u>	<u>Values</u>
Flash point	= 87 °C / 188.6 °F

Other information

10. Stability and reactivity

Reactivity

Chemical stability

Stable under normal conditions

10.3 Possibility of hazardous reactions

Conditions to avoid

Heat, flames and sparks
Exposure to air or moisture over prolonged periods

Incompatible materials **Incompatible materials**

No information available

Hazardous decomposition products

No information available

11. Toxicological information

Potential health effects

Inhalation	None known
Eye contact	None known
Skin contact	None known
Ingestion	Potential for aspiration if swallowed

Information on toxicological effects **Information on toxicological effects**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Alpha Terpineol	5170 mg/kg (Rat)		
Terpinene-4-ol	1300 mg/kg (Rat)	2500 mg/kg (Rabbit)	
Terpinolene	4390 mg/kg (Rat)		
p-Mentha-1,4-diene	3650 mg/kg (Rat)		
Limonene	4400 mg/kg (Rat)	5005 mg/kg (Rabbit)	

Chronic toxicity

Sensitisation	No information available
Target Organ Effects	No information available

12. Ecological information

Toxicity

Ecotoxicity effects	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
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Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to microorganisms	Toxicity to daphnia and other aquatic invertebrates
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Limone		0.619-0.796: 96 h Pimephales promelas mg/L LC50 flow-through 35: 96 h Oncorhynchus mykiss mg/L LC50		
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Persistence and degradability

No information available

Bioaccumulative potential

No information available

Mobility in soil

No information available

Results of PBT and vPvB assessment

Other adverse effects

13. Disposal considerations

Waste treatment methods Waste treatment methods

Waste from residues / unused products Dispose of in accordance with local regulations

Contaminated packaging Empty containers should be taken to an approved waste handling site for recycling or disposal

14. Transport information

IMDG/IMO not regulated

ADR/RID not regulated

ICAO/IATA not regulated

15. Regulatory information

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

International Inventories

TSCA	Complies
EINECS/ELINCS	Complies
DSL/NDSL	Complies
PICCS	Complies

ENCS	-
IECSC	Complies
AICS	Complies
KECL	-

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances
DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List
PICCS - Philippines Inventory of Chemicals and Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
AICS - Australian Inventory of Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances

15.2 Chemical Safety Assessment

16. Other information

Full text of R-phrases referred to under sections 2 and 3

R38 - Irritating to skin
R10 - Flammable
R22 - Harmful if swallowed
R43 - May cause sensitisation by skin contact
R65 - Harmful: may cause lung damage if swallowed

Combination of R-phrases

R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Hazard statements

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Revision Note not applicable.

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text.

End of Safety Data Sheet