

Safety data sheet

Printed : 10/09/2021

Revised : 0001REACHPHOE+-1-CLP from
10/09/2021

FR4508 LIME & BALM & CUCUMBER

1. PRODUCT AND COMPANY IDENTIFICATION

1.1. Product identification

Commercial Name : FR4508 LIME & BALM & CUCUMBER
C.A.S Number : N.A.
EINECS Number : N.A.
Tarrif Number : 33 02 90 90
Product Type : mixture of aromatic raw materials

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

Use: Industrial. For professional use.

1.3. Details of the supplier of the safety data sheet

Company : Phoenix Fragrances Limited
Unit 1, Chieftain Business Park
Morris Close
Park Farm Industrial Estate
Wellingborough
Northamptonshire
NN8 6XF
United Kingdom
Contact : Sharon Knight
Tél.: +44 (0)1933 400955
Email: info@phoenix-fragrances.co.uk

1.4. Emergency telephone number

Phone number in case of emergency: +44 (0)1933 427031

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

GHS Classification : According to (CE) regulation n° 1272/2008 and its adaptation
(RegulationCLP)

AH1 Aspiration hazard 1
ED11 Serious eye damage / eye irritation 1
EHC2 Hazardous to the aquatic environment, long-term hazard 2
SCI2 Skin corrosion / irritation 2
SS1 Sensitisation skin 1

H304 - May be fatal if swallowed and enters airways.
H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H318 - Causes serious eye damage.
H411 - Toxic to aquatic life with long lasting effects.

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2.2. Label elements

GHS Classification : According to (CE) regulation n° 1272/2008 and its adaptation

(RegulationCLP)

Warning mention : Danger

AH1 Aspiration hazard 1
ED11 Serious eye damage / eye irritation 1
EHC2 Hazardous to the aquatic environment, long-term hazard 2
SCI2 Skin corrosion / irritation 2
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H304 - May be fatal if swallowed and enters airways.
H315 - Causes skin irritation.
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H318 - Causes serious eye damage.
H411 - Toxic to aquatic life with long lasting effects.

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 - Wash hands thoroughly after handling.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P273 - Avoid release to the environment.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER/doctor



2.3. Other hazards

The mixture contains the following Substances of Very High Concern (SVHC), published by the European Chemicals Agency Product (ECHA) under Article 57 of REACH (<http://echa.europa.eu/fr/candidate-list-table>):

80-54-6 p-tert-Butyl- 0 %

The mixture does not meet the criteria for mixtures PBT or vPvB in accordance with Annex XIII of REACH Regulation (EC) n) 1907-2006.

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1. Substances

NOT APPLICABLE OR DATA NOT AVAILABLE

3.2. Mixtures

Substances	C.A.S	EINECS	Risk Symbol	Percent %
Limonene	5989-27-5	227-813-5	AH1, EHA1, EHC3, FL3, SCI2, SS1B - H226, H304, H315, H317, H400, H412	[10-15]
alpha-Hexylcinnamal (No REACH : 01-2119533092-50-****)	101-86-0	202-983-3	EHA1, EHC2, SS1B - H317, H400, H411	[5-10]
2,6-dimethyl-7-octen-2-ol (No REACH : 01-2119457274-37-****)	18479-58-8	242-362-4	EDI2, SCI2 - H315, H319	[0-5]

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Tetrahydro-2-isobutyl-4-methyl-pyran-4-ol (No REACH : 01-0000015458-64-**** / 01-2119455547-30-****)	63500-71-0	405-040-6	EDI2 - H319	[0-5]
Geraniol (No REACH : 01-2119552430-49-****)	106-24-1	203-377-1	EDI1, SCI2, SS1 - H315, H317, H318	[0-5]
Linalool	78-70-6	201-134-4	EDI2, SCI2, SS1B - H315, H317, H319	[0-5]
Eucalyptol	470-82-6	207-431-5	FL3, SS1B - H226, H317	[0-5]
3,7-Dimethyl-2,6-nonadienenitrile (No REACH : 01-2119967769-11-****)	61792-11-8	263-214-5	EHC2 - H411	[0-5]
Menthol	89-78-1	201-939-0	EDI2, SCI2 - H315, H319	[0-5]
2,4-Dimethyl-3-cyclohexen-1-carboxaldehyde (No REACH : 01-2119982384-28-****)	68039-49-6	268-264-1	EDI2, EHC2, SCI2, SS1B - H315, H317, H319, H411	[0-5]
l-Carvone (No REACH : 01-2119962458-25-****)	6485-40-1	229-352-5	SS1B - H317	[0-5]
Hydroxycitronellol (No REACH : 01-2120765003-64-****)	107-74-4	203-517-1	EDI2 - H319	[0-5]
2-acetoxy-2,3,8,8-tetramethyloctahydronaphthalene (No REACH : 01-2119489989-04-****)	54464-57-2	259-174-3	EHC1, SCI2, SS1B - H315, H317, H410	[0-5]
phenylacetaldehyde dimethyl acetal (No REACH : 01-2120742339-50-****)	101-48-4	202-945-6	EDI2 - H319	[0-5]
Menthone	10458-14-7	233-944-9	ATO4, EHC3, SCI2, SS1B - H302, H315, H317, H412	[0-5]
l-Menthone	14073-97-3	237-926-1	ATO4, EHC3, SCI2, SS1B - H302, H315, H317, H412	[0-5]
alpha-Pinene	80-56-8	201-291-9	AH1, ATO4, EHA1, EHC1, FL3, SCI2, SS1B - H226, H302, H304, H315, H317, H400, H410	[0-5]
Citral (No REACH : 01-2119462829-23-****)	5392-40-5	226-394-6	EDI2, SCI2, SS1 - H315, H317, H319	[0-5]
d,l-Isomenthone	491-07-6	207-727-4	SCI2, SS1B - H315, H317	[0-5]
1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-2-benzopyran (HHCB) (No REACH : 01-2119488227-29-****)	1222-05-5	214-946-9	EHA1, EHC1 - H400, H410	[0-5]
Citral S TW (No REACH : 01-2120767467-40-****)	147060-73-9	291-768-8	EHC2, FL3, SS1B - H226, H317, H411	[0-5]
beta-Pinene	127-91-3	204-872-5	AH1, EHA1, EHC1, FL3, SCI2, SS1B - H226, H304, H315, H317, H400, H410	[0-5]
Linalyl acetate (No REACH : 01-2119454789-19-****)	115-95-7	204-116-4	EDI2, SCI2, SS1B - H315, H317, H319	[0-5]
beta-Caryophyllene (No REACH : 01-2120745237-53-****)	87-44-5	201-746-1	AH1, EHC4, SS1B - H304, H317, H413	[0-5]
alpha-Pinene naturel (No REACH : 01-2119979519-16-**** / 01-2119519223-49-****)	80-56-8	201-291-9	AH1, ATO4, EHA1, EHC1, FL3, SCI2, SS1B - H226, H302, H304, H315, H317, H400, H410	[0-5]
p-Cymene (REP 2) (No REACH : 01-2120807345-59-****)	99-87-6	202-796-7	AH1, ATI3, EHC2, FL3, REP2 - H226, H304, H331, H361, H411	[0-5]
Myrcene (No REACH : 01-2119514321-56-****)	123-35-3	204-622-5	AH1, EDI2, EHA1, EHC2, FL3, SCI2 - H226, H304, H315, H319, H400, H411	[0-5]
gamma-Terpinene (REP 2) (No REACH : 01-2120780478-40-****)	99-85-4	202-794-6	AH1, EHC2, FL3, REP2 - H226, H304, H361, H411	[0-5]
Bourgeonal (REP 2) (No REACH : 01-2119983533-30-****)	18127-01-0	242-016-2	EHC3, REP2, SCI2, SS1B, STO-RE2 - H315, H317, H361, H373, H412	[0-5]

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Formiate Géranyle (No REACH : 01-2120740956-44-****)	105-86-2	203-339-4	EHA1, EHC2, SS1B - H317, H400, H411	[0-5]
Hydroxycitronellal (No REACH : 01-2119973482-31-****)	107-75-5	203-518-7	EDI2, SS1B - H317, H319	[0-5]
Geranyl acetate (No REACH : 01-2119973480-35-****)	105-87-3	203-341-5	EHC3, SCI2, SS1B - H315, H317, H412	[0-5]
Nerol	106-25-2	203-378-7	EDI2, SCI2, SS1B - H315, H317, H319	[0-5]
Citronellol	106-22-9	203-375-0	EDI2, SCI2, SS1B - H315, H317, H319	[0-5]

4. FIRST AID MEASURES

4.1. Description of first aid measures

Skin contact: Wash immediatly with plenty of water and then soap.Rinse with clear water.
Eye contact: Rinse with plenty of water (15 minutes open eyelids) and wash with ocular lotion type Dacryosérum.If disorder consult an ophthalmologist.
Ingestion: Consult a doctor and show the label
Contaminated clothes : Remove contaminated clothes and reuse only after decontamination.

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

No Data Available

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

No Data Available

5. FIRE MEASURES

5.1. Extinguishing media

CO2, powder or water spray. Fight important fires with water spray or alcohol resistant foam.

5.2. Special hazards arising from the substance or mixture

Flammability : The product is not flammable.
Prevention: Do not smoke. Do not use flame near.

5.3. Advice for firefighters

Never use a direct jet of water.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Use appropriate personal protective equipment during clean-up. Respiratory protective equipment may be necessary.

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6.2. Environmental precautions

Prevent contamination of soil and water, while entering into drains, ditches and rivers. Notify authorities if the product penetrates into sewers or public waters.

6.3. Methods and material for containment and cleaning up

Cleaning methods: diking with sand or diatomaceous earth, pump and rinse with water after recovery of specific waste plastic drums and labeled back then to an approved waste.

6.4. Reference to other sections

No Data Available

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Close the packaging after use.
Reproduce labelling if transfer in another container.
Wash the hands and any other zone exposed with soap and water before eating, drinking, to smoke and before leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Avoid any useless exposure. Keep away from food and drinks.
Preserve only in the container of origin in a fresh and well ventilated place. Keep the containers closed when not used

Do not leave it near heat source, direct sun rays

7.3. Specific end use(s)

NOT APPLICABLE OR DATA NOT AVAILABLE

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

Not Data Available

8.2. Exposure controls

Technical measures: Avoid contact with eyes, skin or clothes. Do not ingest. Avoid contact with food, drinks.

Personal protective equipment:

Use personal protective equipment and properly maintained.

Store personal protective equipment in a clean place, away from the work area.

When using, do not eat, drink or smoke. Remove and wash contaminated clothes before reuse. Ensure adequate ventilation, especially in confined places.

Eyes / face protection :

Avoid contact with eyes.

Use ocular protection developed to protect against liquid splashes.

Before handling, it is necessary to wear safety glasses in compliance with NF 166 standard.

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Hand protection :

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374. Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products

that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Type of gloves recommended :

- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))

Recommended properties :

- Impervious gloves in accordance with standard EN374

Body protection:

The staff will wear regularly washed work clothes.

After contact with the product, all the contaminated parts of the body should be washed.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Odor :	Characteristic
Aspect :	Liquid
Color :	Colorless
Flash point (°C) :	71
Solubility :	50% in ethanol 96%
Refractive index @ 20°C :	[1.456 ; 1.476]
Specific gravity@20°C :	[0.918 ; 0.938]

9.2. Other information

NOT APPLICABLE OR DATA NOT AVAILABLE

10. STABILITY AND REACTIVITY

10.1. Reactivity

·**Dangerous reactions** : No dangerous reactions known.

10.2. Chemical stability

NOT APPLICABLE OR DATA NOT AVAILABLE

10.3. Possibility of hazardous reactions

NOT APPLICABLE OR DATA NOT AVAILABLE

10.4. Conditions to avoid

NOT APPLICABLE OR DATA NOT AVAILABLE

10.5. Incompatible materials

NOT APPLICABLE OR DATA NOT AVAILABLE

10.6. Hazardous decomposition products

Thermal decomposition may release / form:

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Carbon monoxide (CO), carbon dioxide (CO₂)

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute Toxicity Estimate

LD50 Oral : 3010 mg/kg 32 % unknown
LD50 Dermal : >5000 mg/kg 42 % unknown
LD50 Inhalation : 25 mg/kg 44 % unknown

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Do not leave the product, even diluted or in great quantity, penetrate the ground water, water or the drains.

12.2. Persistence and degradability

NOT APPLICABLE OR DATA NOT AVAILABLE

12.3. Bioaccumulative potential

NOT APPLICABLE OR DATA NOT AVAILABLE

12.4. Mobility in soil

NOT APPLICABLE OR DATA NOT AVAILABLE

12.5. Results of PBT and vPvB assessment

NOT APPLICABLE OR DATA NOT AVAILABLE

12.6. Other adverse effects

NOT APPLICABLE OR DATA NOT AVAILABLE

13. DISPOSAL CONSIDERATIONS

Appropriate mixture and / or its container waste management must be determined in accordance with Directive 2008/98 / EC.

13.1. Waste treatment methods

Do not discharge into drains or rivers

Waste:

Waste management is done without endangering human health and without harming the environment, and especially without risk for water, air, soil, plants or animals.

Recycle or dispose in accordance with regulation in force, preferably by a collector or an approved company.
Do not contaminate the ground or water with waste, do not dispose of them in the environment.

Contaminated packaging:

Empty the container. Keep the label on the container. Give to a certified disposal contractor.

14. TRANSPORT INFORMATION

ADR:

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IMDG:



IATA:



14.1. UN number

ADR : 3082 (Underground code : (E))

IMDG:3082

IATA :3082

14.2. UN proper shipping name

ADR : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(2-acetoxy-2,3,8,8-tetramethyloctahydronaphthalene)

IMDG:ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(2-acetoxy-2,3,8,8-tetramethyloctahydronaphthalene)

IATA :ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(2-acetoxy-2,3,8,8-tetramethyloctahydronaphthalene)

14.3. Transport hazard class(es)

ADR : 9

IMDG:9

IATA :9

14.4. Packing group

ADR : III

IMDG:III

IATA :III

14.5. Environmental hazards

IMDG : Material of marine pollutant type.

14.6. Special precautions for user

NOT APPLICABLE OR DATA NOT AVAILABLE

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

NOT APPLICABLE OR DATA NOT AVAILABLE

15. REGULATORY INFORMATION

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

The following regulations were taken into account:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 618/2012
- EU Regulation No. 1272/2008 amended by EU Regulation No. 487/2013.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 758/2013.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 944/2013.

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- EU Regulation No. 1272/2008 amended by EU Regulation No. 605/2014.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 1297/2014
- EU Regulation No. 1272/2008 amended by EU Regulation No. 2015/830
- Wassergefährdungsklasse (Water Hazard Class) : NA

15.2. Chemical safety assessment

NOT APPLICABLE OR DATA NOT AVAILABLE

16. OTHER INFORMATION

Full H sentences text in point 3 :

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H361	Suspected of damaging fertility or the unborn child.
H373	May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.

Material security data sheet according to 2001/58/CEE.

These indications are founded on the current state of our knowledge, but do not constitute a guarantee as for the properties of the product and do not give place to a contractual legal report.