

Material security data sheet

Printed : 08/04/2021

Revised : COMPO-1-CLP from 08/04/2021

C100 LIME & GINGER

1. IDENTIFICATION OF SUBSTANCE/MIXTURE AND OF THE COMPANY

1.1. Product identifier

LIME & GINGER

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

Fragrance compound only for industrial use.

1.3. Details of the supplier of the safety data sheet

Company **BS GROUP SARL**
4 Quai Jean Charles Rey
98000 MONACO

1.4. Emergency telephone number

Emergency telephone number: +33.(0)4.93.60.82.82
Numéro ORFILA (INRS) : +33 (0)1.45.42.59.59 24/24 and open every day

2. HAZARDS IDENTIFICATION

The product is not classified.

2.1. Classification of the substance or mixture

GHS Classification :

(RegulationCLP)

AH1 Aspiration hazard 1
EHC2 Hazardous to the aquatic environment, long-term hazard 2
SC12 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.

H411 - Toxic to aquatic life with long lasting effects.

EUH208 - Contains . May produce an allergic reaction. : Linalyl acetate, Cinnamal, Eucalyptol, Nerol, Hexyl cinnamal, beta-Pinene, Cinnamyl alcohol, Citral, Citronellol, Limonene, Dimethylcyclohex-3-ene-1carbaldehyde, Dodecanal, Eugenol, Geraniol, Isolongifolanone, Linalool, 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one

2.2. Label elements

GHS Classification :

(RegulationCLP)

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Warning mention : Danger

AH1 Aspiration hazard 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.
H411 - Toxic to aquatic life with long lasting effects.

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 - Wash ... 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 or doctor/physician.

EUH208 - Contains . May produce an allergic reaction. : Linalyl acetate, Cinnamal, Eucalyptol, Nerol, Hexyl cinnamal, beta-Pinene, Cinnamyl alcohol, Citral, Citronellol, Limonene, Dimethylcyclohex-3-ene-1carbaldehyde, Dodecanal, Eugenol, Geraniol, Isolongifolanone, Linalool, 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphtyl)ethan-1-one



2.3. Other hazards

Contains Limonene, 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphtyl)ethan-1-one, Linalool, Citral

The mixture does not contain substances included in the candidate list substances subject to authorization.

- Article 59, paragraph 1 of Regulation (EC) 1907/2006.

The mixture does not contain PBT or vPvB substances as defined in annex XIII of Regulation 253/2011/EC amending Regulation 1097/2006/EC.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Product not concerned by the component list.

3.1. Substances

Does not apply to the product which is a mixture.

3.2. Mixtures

Material	C.A.S	EINECS	Risk Symbol	Percent %
Limonene	5989-27-5	227-813-5	AH1, EHA1, EHC1, FL3, SCI2, SS1B - H226, H304, H315, H317, H400, H410	[0-10]
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphtyl)ethan-1-one	54464-57-2	259-174-3	EHC1, SCI2, SS1B - H315, H317, H410	[0-10]

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Linalool	78-70-6	201-134-4	EDI2, SCI2, SS1B - H315, H317, H319	[0-10]
Hexyl cinnamal	101-86-0	202-983-3	EHA1, EHC2, SS1B - H317, H400, H411	[0-10]
Citral	5392-40-5	226-394-6	EDI2, SCI2, SS1 - H315, H317, H319	[0-10]
Geraniol	106-24-1	203-377-1	EDI1, SCI2, SS1B - H315, H317, H318	[0-10]
Linalyl acetate	115-95-7	204-116-4	SCI2, SS1B - H315, H317	[0-10]
Myrcene	123-35-3	204-622-5	AH1, EDI2, EHA1, EHC2, FL3, SCI2 - H226, H304, H315, H319, H400, H411	[0-10]
Nerol	106-25-2	203-378-7	EDI2, SCI2, SS1B - H315, H317, H319	[0-10]
Citronellol	106-22-9	203-375-0	EDI2, SCI2, SS1B - H315, H317, H319	[0-10]
Eugenol	97-53-0	202-589-1	EDI2, SS1B - H317, H319	[0-10]
Eucalyptol	470-82-6	207-431-5	FL3, SS1B - H226, H317	[0-10]
Cinnamyl alcohol	104-54-1	203-212-3	SS1B - H317	[0-10]
beta-Pinene	127-91-3	204-872-5	AH1, EHA1, EHC1, FL3, SCI2, SS1B - H226, H304, H315, H317, H400, H410	[0-10]
Cinnamal	104-55-2	203-213-9	ATD4, EDI2, SCI2, SS1A - H312, H315, H317, H319	[0-10]
Dimethylcyclohex-3-ene-1carbaldehyde	68039-49-6	268-264-1	EHC2, SCI2, SS1B - H315, H317, H411	[0-10]
Benzyl benzoate	120-51-4	204-402-9	ATO4, EHA1, EHC2 - H302, H400, H411	[0-10]
Isolongifolanone	23787-90-8	245-890-3	EHC2, SCI2, SS1B - H315, H317, H411	[0-10]
Butylated hydroxytoluene	128-37-0	204-881-4	EHA1, EHC1 - H400, H410	[0-10]
Dodecanal	112-54-9	203-983-6	EDI2, SCI2, SS1B - H315, H317, H319	[0-10]

4. FIRST AID MEASURES

4.1. Description of first aid measures

General information: As in all cases of potential poisoning, obtain medical advice immediately.

Contact with skin: Remove contaminated clothes, and use them only after decontamination. Wash with large volume of water and soap. Rinse with clear water. If irritation persists, obtain medical advice.

Contact with eyes: Irrigate with water for at least 15 minutes. Obtain medical advice if irritation persists.

In case of ingestion: Rinse mouth with water. Do not induce vomiting. Obtain medical advice immediately.

In case of inhalation: Immediately remove from the area to a fresh air environment. Obtain medical advice immediately.

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

No information available on the product itself.

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

No specific data.

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5. FIRE FIGHTING MEASURES

5.1. Extinguishing media

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

5.2. Special hazards of the mixture

Flammability : The product is not flammable.

Pré vention: Do not smoke. Do not use flame near.

5.3. Advice for firefighters

Never use a direct stream of water.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Use individual protective equipment (waterproof boots, suitable protective clothing, and safety glasses). Prevent any contact with hot surfaces. Do not approach facing the wind. Ensure adequate ventilation. Do not breathe vapour/spray.

6.2. Environmental precautions

Do not allow to enter sewers/ surface or ground water.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Advice on safe handling: Avoid excessive inhalation of concentrated vapors. Follow good manufacturing practices for housekeeping and personal hygiene. Wash any exposed skin immediately after any chemical contact, before breaks and meals, and at the end of each work period. Contaminated clothing and shoes should be thoroughly cleaned before re-use.

If appropriate, procedures used during the handling of this material should also be used when cleaning equipment or removing residual chemicals from tanks or other containers, especially when steam or hot water is used, as this may increase vapor concentrations in the workplace air. Where chemicals are openly handled, access should be restricted to properly trained employees.

Keep all heated processes at the lowest necessary temperature in order to minimize emissions of volatile chemicals into the air.

Advice on protection against fire and explosion: Keep away from ignition sources and naked flame. Close

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packing after use. Reproduce labelling if transfer in another container.

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 place and broken down well. Keep the containers closed out of their use.
- Do not leave it near heat source, direct rays of the sun

7.3. Specific end use(s)

No specific data.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

NO CONCERNED

8.2. Exposure controls

General protective and hygienic measures: Avoid skin and eyes contact. Keep away from foodstuffs, beverages and feed. Wash hands before breaks and at the end of work.

Eye and face protection: Use tight-fitting goggles, face shield or safety glasses with side shields if eye contact might occur.

Skin protection: Wear appropriate dust resistant clothing. Avoid skin contact. Use chemically resistant gloves.

Protective gloves: The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Respiratory protection: See local exhaust ventilation around open tanks and other open sources of potential exposures in order to avoid excessive inhalation, including places where this material is openly weighed or measured.

Thermal hazards: Not available.

Environmental exposure controls: Prevent from entering sewers, basements and workpans, or any place where its accumulation can be dangerous.

Consumer exposure controls: Avoid breathing directly on the product. Apply local ventilations when appropriate. Wash hands with soap and water after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

ASPECT :	Liquid
COLOR :	Clear yellow orange
RELATIVE DENSITY (d ₂₀ /20) :	[1.008 ; 1.014]
REFRACTIVE INDEX TO 20°C :	[1.4828 ; 1.4888]
FLASH POINT :	>80°C

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SOLUBILITY(IES) : **Soluble in ethanol**

9.2. Other information

NO CONCERNED

10. STABILITY AND REACTIVITY

10.1. Reactivity

No dangerous reactions known.

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time.
Avoid contact with oxidizing agents.

10.5. Incompatible materials

Unknown

10.6. Hazardous decomposition products

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
Dangerous decomposition products: Carbon monoxide and unidentified organic compounds may be formed during combustion.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

No specific data available

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 available.

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12.3. Bioaccumulative potential

Not available.

12.4. Mobility in soil

Not available.

12.5. Results of PBT and vPvB assessment

Not available.

12.6. Other adverse effects

Not available.

13. DISPOSAL RECOMMENDATIONS

Product : Recommendation : Does not have to be evacuated with the refuse . Not to let penetrate in the sewers.

Not cleaned packing : Recommendation : Evacuation in accordance with the regulations.

14. TRANSPORT REGULATIONS

:



:



IATA:



14.1. UN number

: UN3082 ((-)

) :UN3082

IATA :UN3082

14.2. Transport hazard class(es) and Packing group

NO CONCERNED

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14.3. Transport Hazard Class(es)

: 9
:9 IATA
:9

14.4. Packing group

IATA :III

15. REGULATORY INFORMATION

The product is not classified.

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

Regulation (EC) No 1907/2006 (REACH) and its successive amendments
Regulation (EC) No 453/2010
Regulation (EC) No 1272/2008 (CLP) and its successive amendments
Directive 2000/39/EC (occupational exposure limits)
Directive 98/24/EC (Safety of workers)

Refers to the following standards when applicable:
Regulation (EC) No 648/2004 (Detergents)
Directive 1999/13/EC (COV) and its successive amendments.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out on the mixture itself.

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.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
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.

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

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properties of the product and do not give place to a contractual legal report.

16.1. Indication of changes

Under development.

16.2. Abbreviations and acronyms

ECHA: European Chemicals Agency

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals, Regulation (EC) No 1907/2006

CLP: Classification, Labelling, Packaging, Regulation (EC) No 1272/2008

CAS: Chemical Abstract Service number

IUPAC: International Union of Pure and Applied Chemistry

CMR: Carcinogenic, Mutagenic or toxic to Reproduction

SVHC: Substance of Very High Concern

PBT: Persistent, Bioaccumulative and Toxic substances

vPvB: Very Persistent and Very Bioaccumulative substances

LD50: Lethal dose 50% (dose required to kill half the members of a tested population)

LC50: Lethal Concentration 50%

OELV (VLEP): Occupational exposure limit value

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Dangerous Goods Code

IATA: International Air Transport Association

ICAO-TI: International Civil Aviation Organization - Technical Instructions for the Safe Transport of Dangerous Goods by Air

16.3. Key literature references and sources for data

Suppliers data

CLP

ECHA

Guidance on the Compilation of safety data sheets of ECHA

REACH

This material safety data sheet was realised in accordance with Annex II of the Regulation REACH.

16.4. Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]

Classes of hazards to human health and the environment were determined by calculation method.

Classes of physical hazards were determined on basis of test data.

16.5. Relevant R-phrases and/or H-statements (number and full text)

NO CONCERNED