

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY/UNDERTAKING

1.1 Identification of the substance/mixture:

Trade name : GRAPEFRUIT BASE R FIRMENICH 015794

CAS Number: --

CE Number: --

REACH Registration number: All the ingredients of the mixture have been (pre-)registered or they are exempt from (pre-)registration.

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

Raw material for the manufacture of fragrances and/or flavourings.

1.3. Details of the supplier of the safety data sheet

Manufacturer/Supplier: Ernesto Ventós, SA
Address: Carretera Real, 120 A
08960 Sant Just Desvern - Barcelona - SPAIN
Telephone: (00 34) 934 706 210
Fax: (00 34) 934 733 010
E-mail: info@ventos.com

1.4. Emergency telephone number

(00 34) 934 706 210 (8:30 – 17:30)

2. HAZARDS IDENTIFICATION.

2.1. Classification of the substance or mixture

Classification according to directives 67/548/EEC and 1999/45/EC
N,Xi R43-R51/53

May cause sensitisation by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Classification according to Regulation (EC) 1272/2008

Aquatic Chronic 2 ; Skin Sens. 1 ; Skin Irrit. 2
H315;H317;H411

2.2. Label Elements

Labelling according to directives 67/548/EEC and 1999/45/EC

Indications of danger:
N Dangerous for the environment
Xi Irritant

Hazard symbols:



Risk phrases:

R43: May cause sensitisation by skin contact.
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety phrases:

S24: Avoid contact with skin.
S37: Wear suitable gloves.
S57: Use appropriate container to avoid environmental contamination.
S61: Avoid release to the environment. Refer to special instructions/safety data sheets.

Labelling according to Regulation (EC) 1272/2008

Hazard symbols



Signal Word
Warning

Hazard statements:

H315-Causes skin irritation.
H317-May cause an allergic skin reaction.
H411-Toxic to aquatic life with long lasting effects.

Precautionary statements:

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.
P280-Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352-IF ON SKIN: Wash with plenty of soap and water.
P332+P313-If skin irritation occurs: Get medical advice/attention.
P333+P313-If skin irritation or rash occurs: Get medical advice/attention.
P362-Take off contaminated clothing and wash before reuse.
P363-Wash contaminated clothing before reuse.
P501-Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3. Other hazards

No Information available

3. COMPOSITION/INFORMATION ON INGREDIENTS.

3.1. Substances

Not applicable

3.2. Mixtures

MULTICOMPONENTS

Hazardous constituents:

Chemical name	Content (%)	CE Number	CAS Number	Classification Regulation (EC) 1272/2008	Hazard statements*	Classification (Directive 67/548/EEC)*
OCTAHYDRO TETRAMETHYL 1-NAPHTALENOL	≥1% and <5%	434-960-0	103614-86-4	Aquatic Chronic 1;Skin Irrit. 2	H315;H410	N,Xi: R38-50/53
DIHYDROMYRCENOL	≥1% and <5%	242-362-4	18479-58-8	Eye Irrit. 2	H319	Xi: R38
LIMONENE	≥1% and <5%	205-341-0	138-86-3	Aquatic Chronic 1;Aquatic Acute 1;Flam. Liq. 3;Skin Sens. 1;Skin Irrit. 2	H226;H315;H317;H410	N,Xi: R10-38-43-50/53
DL-MENTHOL	≥1% and <5%	216-074-4	1490-04-6	Eye Irrit. 2;Skin Irrit. 2	H315;H319	Xi: R38
ALLYL CYCLOHEXYLPROPIONATE	≥1% and <5%	220-292-5	2705-87-5	Acute Tox. 4;Skin Irrit. 2	H302;H312;H315	Xn: R21/22
ALLYL HEXANOATE	≥1% and <5%	204-642-4	123-68-2	Acute Tox. 3;Eye Irrit. 2;Skin Irrit. 2	H301;H311;H315;H319	N,Xn: R21/22-38-51/53
CITRONELLOL	≥0,1% y <1%	203-375-0	106-22-9	Eye Irrit. 2;Skin Sens. 1;Skin Irrit. 2	H315;H317;H319	N,Xi: R38-43-51/53
PARA-CYMENE	≥0,1% y <1%	202-796-7	99-87-6	Aquatic Chronic 2;Asp. Tox. 1;Flam. Liq. 3	H226;H304;H411	Xn,N; R10-51/53-65

(*) See the full text of the hazard statements and risk phrases in section 16.

4. FIRST-AID MEASURES

4.1. Description of necessary first aid measures

Consumption: Rinse mouth with water.
Obtain medical advice.
Keep at rest. Do not induce vomiting.

Eye contact: In case of contact with eyes, rinse immediately with plenty of water for at least 15 minutes and seek medical advice.
Seek medical advice if irritation persists, or if there was tissue damage.

Inhalation: If inhaled, remove person to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.
Seek immediate medical advice.

Skin contact: Take off immediately all contaminated clothing.
Thoroughly wash affected skin with soap and water.
Seek medical attention if symptoms persist.

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

No information available.

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

No information available.

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Water spray, carbon dioxide, dry chemical powder or appropriate foam.
For safety reasons do not use full water jet.
Carbon dioxide
Water spray

5.2. Special hazards arising from the substance or mixture

Known or Anticipated Hazardous Products of Combustion.: Emits toxic fumes under fire conditions.

5.3. Advice for firefighters

Other Fire Fighting Considerations: High temperatures can lead to high pressures inside closed containers.
Avoid inhalation of vapors that are created. Use appropriate respiratory protection.
Do not allow spillage of fire will be poured into drains or watercourses.
Special Fire Fighting Procedures.: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Keep people away, evacuate area.
Avoid inhalation of vapors; use an appropriate respirator.

6.2. Environmental precautions

To avoid possible contamination of the environment, Do not discharge into any drains, surface waters or groundwaters.

6.3. Methods and materials for containment and cleaning up

Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash).
Place in covered containers using non-sparking tools and transport outdoors.
Avoid open flames or sources of ignition (e.g. pilot lights on gas hot water heater).
Ventilate area and wash spill site after material pickup is complete.
Dispose of in accordance with current laws and regulations.

6.4. Reference to other sections

No information available.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Provide suitable air extraction ventilation in the work areas. Vapors may form explosive mixtures with air.
Avoid contact with the eyes, skin and clothing. Wear protective clothing and use glasses.
Observe the rules of hygiene and safety at work.
Keep only in the original container.

7.2. Conditions for safe storage, including any incompatibilities

Recommended Packing Materials: To be stored in tightly sealed and preferably full containers in cool, dry and ventilated area.
Keep in glass, suitable plastic, aluminum or laquer-lined containers.
Storage: Keep material away from sources of ignition (e.g. hot surfaces, sparks, flame and static discharges).
Protect from heat/overheating and light sources.
Keep away from the sources of ignition.
Keep away from incompatible materials (see section of incompatibility).
Prevent access to unauthorized persons
Do not store this material near food or drinking water.
Don't open containers under pressure.

7.3. Specific end use(s)

Usage Precautions: Smoking should not be permitted in work areas.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1. Control parameters

Declaration of substances is not required.

8.2. Exposure controls

Eye/Face protection: Chemical safety goggles are recommended. Wash contaminated goggles before reuse.
Hand Protection: Compatible chemical-resistant gloves are recommended. Wash contaminated gloves before reuse.
Other Personal Protective Wear: Measures should be taken to prevent materials from being splashed into the eyes or on the skin.
Wear eyeshields and protective clothing.
Respiratory Protection: In case of insufficient ventilation, use suitable respiratory equipment.
In the case of brief exposure, use a device filter.
Skin Protection: Light protective clothing recommended. Wash contaminated clothing before reuse.
Avoid inhalation and contact with skin and eyes.
Engineering Controls-Ventilation: Do not breath vapors.
Mechanical exhaust required. In confined or poorly ventilated areas, the use of an appropriate respiratory protection may be required.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Conforms to standard
Odour	Conforms to standard
Odour threshold	Not determined
pH	Not determined
Melting point/freezing point	Not determined
Boiling point/boiling range	Not determined
Flash point	74 °C
Evaporation rate	Not determined
Flammability	Not determined
Lower flammability/Explosive limit	Not determined
Upper flammability/Explosive limit	Not determined
Vapour pressure	Not determined
Vapour Density	Not determined
Density	0,982-0,992 g/mL (20°C)
Relative density	0,982-0,992 (20°C)
Water solubility	NEARLY INSOLUBLE IN WATER
Solubility in other solvents	---
Partition coefficient n-octanol/water	Not determined
Auto-ignition temperature	Not determined
Decomposition temperature	Not determined
Viscosity, dynamic	Not determined
Viscosity, kinematic	Not determined
Explosive properties	Not determined
Oxidising properties	Not determined

9.2. Additional information

No information available.

10. STABILITY AND REACTIVITY

10.1. Reactivity

No information available.

10.2. Chemical stability

No information available.

10.3. Possibility of hazardous reactions

No information available.

10.4. Conditions to Avoid

Conditions to Avoid: Excessive heat, flame or other ignition sources.

10.5. Incompatible materials

None Incompatibilities known

10.6. Hazardous decomposition products

During combustion may form carbon monoxide and unidentified organic compounds.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

No information available.

12. ECOLOGICAL INFORMATION

12.1. Toxicity

No information available.

12.2. Degradability

No information available.

12.3. Bioaccumulative potential

No information available.

12.4. Soil mobility

No information available.

12.5. Results of PBT and vPvB assessment

No information available.

12.6. Other adverse effects

See also paragraphs 6, 7, 13 and 15
Do not allow to get into waste water or waterways.

13. DISPOSAL CONSIDERATIONS.

13.1. Waste treatment methods

Ernesto Ventós, SA

Carretera Reid, 120 A · 08960 Sant Just Desvern · (Barcelona) España · T. +34-934 706 210 · F. +34-934 733 010 · E-mail: info@ventos.com · http://www.ventos.com

Disposal conditions: Dispose of in accordance with all federal, state and local environmental regulations.

14. TRANSPORT INFORMATION

14.1. Land Transport (ADR/RID)

UN Number: UN3082
Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(contains OCTAHYDRO TETRAMETHYL 1-NAPHTALENOL, LIMONENE)
Class: 9



Packing group: III
Label: 9
Special Provisions: 274,335,601
Limited Quantities: LQ7
Packing Instructions: P001,IBC03,LP01,R001
Kemler Code: 000

14.2. Sea Transport (IMDG)

Marine Pollutant: Si.
UN Number: UN3082
Packing group: III
Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(contains OCTAHYDRO TETRAMETHYL 1-NAPHTALENOL, LIMONENE)
Class: 9
Label: 9
EmS Guide: F-A, S-F

14.3. Air Transport (IATA)

UN Number: UN3082
Packing group: III
Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(contains OCTAHYDRO TETRAMETHYL 1-NAPHTALENOL, LIMONENE)
Class: 9
Label: 9

15. REGULATORY INFORMATION

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

No information available.

15.2. Chemical Safety Assessment

No information available.

16. OTHER INFORMATION

Hazard statements

H226: Flammable liquid and vapour.
H301: Toxic if swallowed.
H302: Harmful if swallowed.
H304: May be fatal if swallowed and enters airways.
H311: Toxic in contact with skin.
H312: Harmful in contact with skin.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H410: Very toxic to aquatic life with long lasting effects.
H411: Toxic to aquatic life with long lasting effects.

Reason for Change: N/A

Information in this MSDS is from available published sources and is believed to be accurate. No warranty, express or implied, is made and our company assumes no liability resulting from the use of this MSDS. The user must determine suitability of this information for his application. The specifications of this safety data sheet describes the safety requirements of our product, this is not a guarantee of characteristics. They are based on current state.

