

According to the regulation EC 1907/2006 & 830/2015

Product Name : **FRAGANCIA DE TE VERDE**

1 - IDENTIFICATION OF THE SUBSTANCE

1.1 Product identification: FRAGANCIA DE TE VERDE2

1.2 Relevant identified uses: Aromatic ingredient - for manufacturing use only, not for direct consumption as such

2 - HAZARDS IDENTIFICATION

2.1 Classification:

According to regulation EC1272/2008

Allergies	EUH208
Asp. Tox. 1	H304
Skin Irrit. 2	H315
Skin Sens. 1	H317
Eye Irrit. 2A	H319
Aquatic Acute 1	H400
Aquatic Chronic 2	H411

Refer to the section 16 for the all hazard statements.

2.2 Label elements:



Danger

- EUH208 May produce an allergic reaction.
 H304 May be fatal if swallowed and enters airways.
 H315 Causes skin irritation.
 H317 May cause an allergic skin reaction.
 H319 Causes serious eye irritation.
 H400 Very toxic to aquatic life.
 H411 Toxic to aquatic life with long lasting effects.

Prevention

- P273 Avoid release to the environment.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 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.

Intervention

- P301+P310 IF SWALLOWED:Immediately call a POISON CENTER or doctor/physician.
 P302+P352 IF ON SKIN:Wash with plenty of soap and water.
 P305+P351 +P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P331 Do NOT induce vomiting.
 P391 Collect spillage.
 P332+P313 If skin irritation occurs:Get medical advice/attention.
 P333+P313 If skin irritation or rash occurs:Get medical advice/attention.
 P337+P313 If eye irritation persists:Get medical advice/attention.
 P321 Specific treatment.
 P362 Take off contaminated clothing.
 P363 Wash contaminated clothing before reuse.

Storage

- P405 Store locked up.

Elimination

- P501 Dispose of contents/container to a collection of special or hazardous waste.

2.3 Other hazards:

Not applicable.

3 - COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Description: Mixture of natural, nature identical and synthetic aromatic products.

CAS : EINECS :

3.2 Hazardous components:

a-hexylcinnamaldehyde (10 - 20%) - CAS : 101-86-0 EINECS : 202-983-3 Reach : 01-2119533092-50

Regulation EC 1272/2008 : Aquatic Acute 1 : H400 Aquatic Chronic 2 : H411 Skin Sens. 1B : H317

Linalyl acetate (10 - 20%) - CAS : 115-95-7 EINECS : 204-116-4 Reach : 01-2119454789-19

Regulation EC 1272/2008 : Eye Irrit. 2A : H319 Skin Irrit. 2 : H315

(R)-p-mentha-1,8-diene (5 - 10%) - Index N° : 601-029-00-7 CAS : 5989-27-5 EINECS : 227-813-5

Regulation EC 1272/2008 : Aquatic Acute 1 : H400 Aquatic Chronic 1 : H410 Flam. Liq. 3 : H226 Skin Irrit. 2 : H315 Skin Sens. 1 : H317

Linalool (5 - 10%) - Index N° : 603-235-00-2 CAS : 78-70-6 EINECS : 201-134-4

Regulation EC 1272/2008 : Skin Sens. 1B : H317

pin-2(10)-ene (1 - 5%) - CAS : 127-91-3 EINECS : 204-872-5

Regulation EC 1272/2008 : Asp. Tox. 1 : H304 Aquatic Acute 1 : H400 Aquatic Chronic 1 : H410 Flam. Liq. 3 : H226 Skin Irrit. 2 : H315 Skin Sens. 1B : H317

1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one (1 - 5%) - CAS : 54464-57-2 EINECS : 259-174-3 Reach : 01-2119489989-04

Regulation EC 1272/2008 : Aquatic Acute 1 : H400 Aquatic Chronic 1 : H410 Skin Irrit. 2 : H315 Skin Sens. 1B : H317

1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran (1 - 5%) - Index N° : 603-212-00-7 CAS : 1222-05-5 EINECS : 214-946-9 Reach : 01-2119488227-29

Regulation EC 1272/2008 : Aquatic Acute 1 : H400 Aquatic Chronic 1 : H410

Geraniol (1 - 5%) - CAS : 106-24-1 EINECS : 203-377-1

Regulation EC 1272/2008 : Eye Dam. 1 : H318 Skin Irrit. 2 : H315 Skin Sens. 1 : H317

Citral (0.1 - 1%) - Index N° : 605-019-00-3 CAS : 5392-40-5 EINECS : 226-394-6

Regulation EC 1272/2008 : Skin Irrit. 2 : H315 Skin Sens. 1 : H317

2,4-dimethylcyclohex-3-ene-1-carbaldehyde (0.1 - 1%) - CAS : 68039-49-6 EINECS : 268-264-1

Regulation EC 1272/2008 : Aquatic Chronic 2 : H411 Skin Irrit. 2 : H315 Skin Sens. 1B : H317

pin-2(3)-ene (0.1 - 1%) - CAS : 80-56-8 EINECS : 201-291-9

Regulation EC 1272/2008 : Asp. Tox. 1 : H304 Aquatic Acute 1 : H400 Aquatic Chronic 1 : H410 Flam. Liq. 3 : H226 Skin Irrit. 2 : H315 Skin Sens. 1B : H317

2-methylundecanal (0.1 - 1%) - CAS : 110-41-8 EINECS : 203-765-0

Regulation EC 1272/2008 : Aquatic Acute 1 : H400 Aquatic Chronic 1 : H410 Skin Irrit. 2 : H315 Skin Sens. 1B : H317

4 - FIRST-AID MEASURES

4.1 Description of first aid measures:

Skin contact : Remove any contaminated clothing or shoes. Wash affected areas thoroughly with soap and water for at least 15 minutes. Contact a physician if necessary.

Eye Contact : Flush immediately with clean water for at least 10 minutes. Contact a physician if necessary.

Ingestion : Rinse the mouth. Contact a physician immediately.

Excessive inhalation : Remove to fresh air. If breathing has stopped, administer artificial respiration and oxygen if available. Contact a physician if necessary.

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

Take into account hazard and safety statements.

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

None.

5 - FIRE-FIGHTING MEASURES

5.1 Extinguishing media:

Recommended : Carbondioxide, dry chemical or foam.

Not recommended : Direct water.

5.2 Special fire fighting procedures:

Cool down other threatened recipients with pulverized water.

Do not inhale fire fumes or gases (CO, CO₂, organic products).

5.3 Self-contained breathing apparatus and protective clothing should be worn when fires involved c

6 - ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment:

Avoid contact with skin, eyes, clothes.

Provide adequate ventilation.

6.2 Environmental protection measures:

Prevent contamination of soil, ground and surface water.

6.3 Collecting measures:

Gross spillages should be contained by use of sand or inert powder and disposed off in accordance with local laws and regulations.

7 - HANDLING AND STORAGE

7.1 Handling:

Keep away all ignition sources.

Provide adequate ventilation.

Do not eat, drink, smoke in the working areas.

Wash hands after use.

7.2 Storage:

Store the product in a cool, dry and ventilated area away from heat sources, and protected from light in tightly closed original container. Keep air contact to a minimum.

Packing material :

-recommended : glass, stainless steel, aluminium.

-not recommended : naked iron.

7.3 Specific end uses:

Not applicable.

8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

None.

8.2 Exposure control:

To avoid eye and mucous membrane projection and according to the working area organization wearing eye glasses and gloves is recommended .
Avoid excessive inhalation of concentrated vapors.

Do not re-use empty containers : Quickly get clear of sponges, wovens, ... etc, used to sponge the product. Keep away from food and drink.

Hygien and safety at work : adapted personal protective equipment is advised.



9 - PHYSICAL AND CHEMICAL PROPERTIES

9.1 Basic informations:

Aspect	Pale yellow to intense yellow liquid.
Odor	Tea, citrus, aldehydic, spicy, woody, green.
Flash Point (°C)(closed cup)	66
Specific Gravity (+20°C)	0.950 to 0.960

9.2 Other information:

Solubility : ethanol / oil / solvents.

10 - STABILITY AND REACTIVITY

10.1 Reactivity:

This product presents no significant reactivity hazard.

10.2 Chemical stability:

It is stable and will not react violently with water.

10.3 Hazardous reactions:

Hazardous reaction will not occur if using conditions and prescriptions are followed.

10.4 Conditions to avoid:

Avoid contact or contamination with strong acids, alkalis, or oxidizing agents.

10.5 Materials to avoid:

Not relevant.

10.6 Hazardous decomposition products:

No decomposition product if storage and handling conditions are followed.

11 - TOXICOLOGICAL INFORMATION

11.1 Acute toxicity:

No data available.

11.2 Irritation:

No data available.

11.3 Sensitization:

No data available.

11.4 Chronic exposure:

No data available.

11.5 Cancerogenicity:

No data available.

11.6 Mutagenicity:

No data available.

11.7 Reproduction toxicity:

No data available.

12 - ECOLOGICAL INFORMATION**12.1 Toxicity:**

No data available.

12.2 Persistence and degradability:

No data available.

12.3 Bioaccumulative potential:

No data available.

12.4 Soil mobility:

No data available.

12.5 Results of PBT and vPvB assessment:

No data available.

12.6 Other adverse effects:

No data available.

Avoid contamination of soil, ground and surface water.

13 - DISPOSAL CONSIDERATIONS

Release to atmosphere : avoid.

Release to surface water : avoid.

Release into natural environment : avoid.

Destruction of waste : incineration.

Treatment of empty containers : re-use inadvisable.

Waste Disposal Methods : Place material and absorbent into sealed containers and dispose off in accordance with current applicable laws and regulations.

14 - TRANSPORT INFORMATION

14.1 N° UN: 3082 - Environmentally hazardous substance, liquid, n.o.s., (R)-p-mentha-1,8-diene

14.2 Transport hazard class(es):

ADR 9, III E

IATA 9, III

IMDG 9, III

Dangerous for the environment / Marine Pollutant

15 - REGULATORY INFORMATION

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

15.2 Chemical safety assessment:

Not relevant.

16 - OTHER INFORMATION

The information given in this MSDS was obtained from current and reliable sources. However, these data are provided without any warranty, expressed or implied, regarding their correctness or accuracy. Since the conditions of use, handling, storage, and disposal of this product are beyond P&B control, it is the responsibility of the user both to determine safe conditions for use as well as to assume liability for loss, damage, and expenses arising out of improper use. No warranty expressed or implied regarding the product described herein shall be created by or inferred from any statement or omission in this MSDS.

Revisions are mentioned by a black stroke in left margin.

Acronyms:

REACH: Regulation, Evaluation, Authorization of CHemicals

CSR: Chemical Safety Report

IFRA: International Fragrance Association

IOFI: International Organization of the Flavor Industry

ATE: Acute Toxicity Estimation

ES: Exposure Scenario

▮ Bibliography, data sources: IFRA IOFI Labeling manual 2016

Hazardous classification for mixture and evaluation methods according Reg EC1272/2008:

Classification	Method
Causes serious eye irritation. H319	calculated
Causes skin irritation. H315	calculated
Very toxic to aquatic life. H400	calculated
Toxic to aquatic life with long lasting effects. H411	calculated
May produce an allergic reaction. EUH208	calculated
May cause an allergic skin reaction. H317	calculated
May be fatal if swallowed and enters airways. H304	calculated

List of relevant phrases :

According to Reg EC1272/2008 :

H304	May be fatal if swallowed and enters airways.
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.
H226	Flammable liquid and vapour.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H317	May cause an allergic skin reaction.