



Safety Data Sheet dated 2/7/2018, version 1
Data di stampa 2/7/2018

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- 1.1. Product identifier
Mixture identification:
Trade code: FGR65837
Trade name: PROF. PARADISE ISLAND AF
INCI name: parfum/fragrance
- 1.2. Relevant identified uses of the substance or mixture and uses advised against
Recommended use:
Ingredient for fragrance formulation, industrial use only
- 1.3. Details of the supplier of the safety data sheet
Supplier:
Creative Flavours & Fragrances S.p.A. - Via G. Ungaretti 39 - 20090 Opera (MI) - ITALY -
Phone +39-0257603551 - Fax +39-0257603570
Competent person responsible for the safety data sheet:
regulatory@cff.it
- 1.4. Emergency telephone number
Poison Centre - 24/24h - Ospedale Niguarda Ca' Granda - Milan - Phone: +39 0266101029
Poison Centre - 24/24h - Policlinico Universitario A. Gemelli - Rome - Phone: +39 063054343

SECTION 2: Hazards identification

- 2.1. Classification of the substance or mixture
EC regulation criteria 1272/2008 (CLP):
⚠ Warning, Skin Sens. 1B, May cause an allergic skin reaction.
⚠ Warning, Aquatic Acute 1, Very toxic to aquatic life.
⚠ Warning, Aquatic Chronic 1, Very toxic to aquatic life with long lasting effects.
- Adverse physicochemical, human health and environmental effects:
No other hazards
- 2.2. Label elements
Hazard pictograms:



Warning

Hazard statements:

H317 May cause an allergic skin reaction.
H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements:

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P391 Collect spillage.

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P501 Dispose of contents/container in accordance with applicable regulations.

Special Provisions:
None

Contents:
Tetrahydrolinalool
Allyl 3-cyclohexylpropionate: May produce an allergic reaction.
Reaction Mass of Cis-4-(isopropyl) cyclohexanemethanol and Trans-4-(isopropyl) cyclohexanemethanol: May produce an allergic reaction.
2,4-dimethyl-3-cyclohexene-1-carboxaldehyde: May produce an allergic reaction.

Special provisions according to Annex XVII of REACH and subsequent amendments:
None

2.3. Other hazards
vPvB Substances: None - PBT Substances: None

Other Hazards:
No other hazards







SECTION 3: Composition/information on ingredients

3.1. Substances

N.A.

3.2. Mixtures










Hazardous components within the meaning of the CLP regulation and related classification:

Qty	Name	Ident. Number	Classification
3% - 5%	1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran; galaxolide; (HHCB)	Index number: 603-212-00-7 CAS: 1222-05-5 EC: 214-946-9 REACH No.: 01-21194882 27-29-0000	<div>  4.1/A1 Aquatic Acute 1 H400 M=1. <div>  4.1/C1 Aquatic Chronic 1 H410 M=1. </div> </div>
1% - 3%	alpha cedrene	CAS: 469-61-4 EC: 207-418-4 REACH No.: 01-21207536 03-56-xxxx	<div>  3.10/1 Asp. Tox. 1 H304 <div>  4.1/A1 Aquatic Acute 1 H400 M=10. </div> <div>  4.1/C1 Aquatic Chronic 1 H410 M=10. </div> </div>
1% - 3%	3,4,5,6,6-pentamethyl-2-heptanol	CAS: 87118-95-4 EC: 401-030-0 REACH No.: 01-00000150 93-78-0000	<div>  4.1/C2 Aquatic Chronic 2 H411 </div>

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1% - 3%	Tetrahydro-4-methyl-2-(2-methylpropyl)-2H-Pyran-4-ol	Index number: CAS: EC: REACH No.:	603-101-00-3 63500-71-0 405-040-601-0000015458-64-xxxx	3.3/2 Eye Irrit. 2 H319
1% - 3%	cedrol	CAS: EC: REACH No.:	77-53-2 201-035-605-2114135368-47-0000	4.1/C2 Aquatic Chronic 2 H411
1% - 3%	Oxacyclohexadecen-2-one	Index number: EC: REACH No.:	606-092-00-4 422-320-301-0000016883-62-0000	4.1/A1 Aquatic Acute 1 H400 4.1/C1 Aquatic Chronic 1 H410
1% - 3%	Tetrahydrolinalool	CAS: EC: REACH No.:	78-69-3 201-133-901-2119454788-21-0000	3.2/2 Skin Irrit. 2 H315 3.4.2/1B Skin Sens. 1B H317 3.3/2 Eye Irrit. 2 H319
1% - 3%	Dimethylbenzylcarbinyl acetate	CAS: EC: REACH No.:	151-05-3 205-781-301-2120258394-51-0000	4.1/C3 Aquatic Chronic 3 H412
0.25% - 0.5%	Allyl 3-cyclohexylpropionate	CAS: EC: REACH No.:	2705-87-5 220-292-501-21199763	3.1/4/Oral Acute Tox. 4 H302 3.1/4/Inhal Acute Tox. 4 H332

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		55-27-0000	3.4.2/1B Skin Sens. 1B H317  3.1/4/Dermal Acute Tox. 4 H312  4.1/A1 Aquatic Acute 1 H400  4.1/C1 Aquatic Chronic 1 H410
0.1% - 0.25%	2,6-Di-tert-Butyl-p-Cresol	CAS: 128-37-0 EC: 204-881-4 REACH No.: 01-21195651-13-46	 4.1/C1 Aquatic Chronic 1 H410
0.1% - 0.25%	Reaction Mass of Cis-4-(isopropyl)cyclohexanemethanol and Trans-4-(isopropyl)cyclohexanemethanol	CAS: 13828-37-0 EC: 237-539-8 REACH No.: 01-21199835-32-32-XXXX	 3.2/2 Skin Irrit. 2 H315  3.4.2/1B Skin Sens. 1B H317
0.1% - 0.25%	2,4-dimethyl-3-cyclohexene-1-carboxaldehyde	CAS: 68039-49-6 EC: 943-728-2 REACH No.: 01-21199823-84-28-XXXX	 3.2/2 Skin Irrit. 2 H315  3.4.2/1 Skin Sens. 1 H317  4.1/C2 Aquatic Chronic 2 H411

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose off safely.

In case of eyes contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

In case of Ingestion:

Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

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In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

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

None

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

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

None

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Water.

Carbon dioxide (CO₂).

Extinguishing media which must not be used for safety reasons:

None in particular.

5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

5.3. Advice for firefighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Remove all sources of ignition.

Remove persons to safety.

See protective measures under point 7 and 8.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: absorbing material, organic, sand

6.3. Methods and material for containment and cleaning up

Wash with plenty of water.

6.4. Reference to other sections

See also section 8 and 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

7.2. Conditions for safe storage, including any incompatibilities

Keep away from food, drink and feed.

Incompatible materials:

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None in particular.

Instructions as regards storage premises:

Adequately ventilated premises.

7.3. Specific end use(s)

None in particular

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

2,6-Di-tert-Butyl-p-Cresol - CAS: 128-37-0

ACGIH - LTE(8h): 2 mg/m³ - Notes: A4, (IFV) - URT irr

DNEL Exposure Limit Values

N.A.

PNEC Exposure Limit Values

N.A.

8.2. Exposure controls

Eye protection:

Use close fitting safety goggles, don't use eye lens.

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Protection for hands:

Wear chemical resistant gloves EN374-3, breakthrough times > 1 hour.

Respiratory protection:

Not needed for normal use.

Thermal Hazards:

None

Environmental exposure controls:

None

Appropriate engineering controls:

None

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	Value	Method:	Notes:
Appearance and colour:	liquid clearless	--	--
Odour:		--	--
Odour threshold:		--	--
pH:	N.A.	--	--
Melting point / freezing point:	N.A.	--	--
Initial boiling point and boiling range:	N.A.	--	--
Flash point:	>60 °C	--	--
Evaporation rate:	N.A.	--	--
Solid/gas flammability:	N.A.	--	--

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Upper/lower flammability or explosive limits:	N.A.	--	--
Vapour pressure:	N.A.	--	--
Vapour density:	N.A.	--	--
Relative density:	0.889 - 0.909 g/ml (20°C)	--	--
Solubility:	ethanol, oils and fats	--	--
Partition coefficient (n-octanol/water):	N.A.	--	--
Auto-ignition temperature:	N.A.	--	--
Decomposition temperature:	N.A.	--	--
Viscosity:	N.A.	--	--
Explosive properties:	N.A.	--	--
Oxidizing properties:	N.A.	--	--

9.2. Other information

Properties	Value	Method:	Notes:
Miscibility:	N.A.	--	--
Fat Solubility:	N.A.	--	--
Conductivity:	N.A.	--	--
Substance Groups relevant properties	N.A.	--	--

SECTION 10: Stability and reactivity

- 10.1. Reactivity
Stable under normal conditions
 - 10.2. Chemical stability
Stable under normal conditions
 - 10.3. Possibility of hazardous reactions
None
 - 10.4. Conditions to avoid
Stable under normal conditions.
 - 10.5. Incompatible materials
None in particular.
 - 10.6. Hazardous decomposition products
None.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological information of the mixture:

N.A.

Toxicological information of the main substances found in the mixture:

alpha cedrene - CAS: 469-61-4

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 5000 mg/kg

3,4,5,6,6-pentamethyl-2-heptanol - CAS: 87118-95-4

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 5.845 mg/kg

Test: LD50 - Route: Skin - Species: Rat > 2.000 mg/kg

b) skin corrosion/irritation:

Test: Skin Irritant - Species: Rabbit Negative - Duration: 24H

c) serious eye damage/irritation:

Test: Eye Irritant - Species: Rabbit Low irritant effect - Duration: 24H

Tetrahydro-4-methyl-2-(2-methylpropyl)-2H-Pyran-4-ol - CAS: 63500-71-0

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg

b) skin corrosion/irritation:

Test: Skin Irritant - Species: Rabbit Negative

Test: Eye Irritant - Species: Rabbit Positive

d) respiratory or skin sensitisation:

Test: Skin Sensitization - Species: Human Negative 80000 Ppm

e) germ cell mutagenicity:

Test: N.A. - Route: vitro - Species: Salmonella Typhimurium Negative

cedrol - CAS: 77-53-2

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 5.000 mg/kg

Test: LD50 - Route: Skin - Species: Rat > 5.000 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 5.000 mg/kg

Oxacyclohexadecen-2-one - Index number: 606-092-00-4

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 2000 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg

b) skin corrosion/irritation:

Test: Skin Irritant - Route: Skin - Species: Rabbit No 3000 mg/kg

Dimethylbenzylcarbiny acetate - CAS: 151-05-3

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 3300 mg/kg

Allyl 3-cyclohexylpropionate - CAS: 2705-87-5

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 600 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit = 1600 mg/kg

Reaction Mass of Cis-4-(isopropyl) cyclohexanemethanol and Trans-4-(isopropyl) cyclohexanemethanol - CAS: 13828-37-0

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 10.000 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 2.000 mg/kg

b) skin corrosion/irritation:

Test: Skin Irritant Negative - Source: HRIPT - Notes: @10%

Test: Eye Irritant Low irritant effect - Source: FHSA - Notes: @100%

d) respiratory or skin sensitisation:

Test: Skin Sensitization Negative - Source: HRIPT - Notes: @10%

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If not differently specified, the information required in Regulation (EU)2015/830 listed below must be considered as N.A.:

- a) acute toxicity;
- b) skin corrosion/irritation;
- c) serious eye damage/irritation;
- d) respiratory or skin sensitisation;
- e) germ cell mutagenicity;
- f) carcinogenicity;
- g) reproductive toxicity;
- h) STOT-single exposure;
- i) STOT-repeated exposure;
- j) aspiration hazard.

SECTION 12: Ecological information

12.1. Toxicity

Adopt sound working practices, so that the product is not released into the environment.

1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran; galaxolide; (HHCB) - CAS: 1222-05-5

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Daphnia = 0.47 mg/l - Duration h: 48

Endpoint: EC50 - Species: Daphnia magna (Water flea) > 0.9 mg/l - Duration h: 48

alpha cedrene - CAS: 469-61-4

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Daphnia magna (Water flea) = 0.05 mg/kg

3,4,5,6,6-pentamethyl-2-heptanol - CAS: 87118-95-4

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 4.2 mg/l - Duration h: 96

Endpoint: EC50 - Species: Algae = 7.7 mg/l - Duration h: 48

Tetrahydro-4-methyl-2-(2-methylpropyl)-2H-Pyran-4-ol - CAS: 63500-71-0

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: F8 = 354 Ppm - Duration h: 96

Endpoint: EC50 - Species: Daphnia magna (Water flea) > 320 mg/l - Duration h: 48

Endpoint: EC50 - Species: Scenedesmus sp. > 94 mg/l - Duration h: 72

Oxacyclohexadecen-2-one - Index number: 606-092-00-4

a) Aquatic acute toxicity:

Endpoint: NOEC - Species: F8 = 0.027 mg/l - Duration h: 14

Endpoint: LC50 - Species: Fish > 0.803 mg/l - Duration h: 24

Endpoint: LC50 - Species: Fish > 0.803 mg/l - Duration h: 48

Endpoint: EC50 - Species: Daphnia magna (Water flea) > 0.96 mg/l - Duration h: 24

Allyl 3-cyclohexylpropionate - CAS: 2705-87-5

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Algae = 3 mg/l - Duration h: 72

Endpoint: NOEC - Species: Algae = 0.74 mg/l

2,6-Di-tert-Butyl-p-Cresol - CAS: 128-37-0

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Daphnia = 0.31 mg/l - Duration h: 48

Endpoint: LC50 - Species: Fish = 0.57 mg/l - Duration h: 96

12.2. Persistence and degradability

None

N.A.

12.3. Bioaccumulative potential

N.A.

12.4. Mobility in soil

N.A.

12.5. Results of PBT and vPvB assessment

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vPvB Substances: None - PBT Substances: None
12.6. Other adverse effects
None

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Recover if possible. In so doing, comply with the local and national regulations currently in force.

SECTION 14: Transport information



14.1. UN number
ADR-UN Number: 3082
IATA-UN Number: 3082
IMDG-UN Number: 3082

14.2. UN proper shipping name
ADR-Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran; galaxolide; (HHCB), alpha cedrene)
IATA-Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran; galaxolide; (HHCB), alpha cedrene)
IMDG-Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran; galaxolide; (HHCB), alpha cedrene)

14.3. Transport hazard class(es)
ADR-Class: 9

ADR - Hazard identification number: 90
IATA-Class: 9
IATA-Label: 9
IMDG-Class: 9

14.4. Packing group
ADR-Packing Group: III
IATA-Packing group: III
IMDG-Packing group: III

14.5. Environmental hazards
ADR-Environmental Pollutant: Yes
IMDG-Marine pollutant: Marine Pollutant
Most important toxic component: 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran; galaxolide; (HHCB)

14.6. Special precautions for user

ADR-Subsidiary risks: -
ADR-S.P.: 274 335 375 601
ADR-Tunnel Restriction Code: (E)
IATA-Passenger Aircraft: 964

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IATA-Subsidiary risks: -
IATA-Cargo Aircraft: 964
IATA-S.P.: A97 A158 A197
IATA-ERG: 9L

IMDG-EmS: F-A , S-F
IMDG-Subsidiary risks: -

IMDG-Storage category: Category A
IMDG-Storage notes: -

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code
N.A.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
Dir. 98/24/EC (Risks related to chemical agents at work)
Dir. 2000/39/EC (Occupational exposure limit values)
Regulation (EC) n. 1907/2006 (REACH)
Regulation (EC) n. 1272/2008 (CLP)
Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013
Regulation (EU) 2015/830
Regulation (EU) n. 286/2011 (ATP 2 CLP)
Regulation (EU) n. 618/2012 (ATP 3 CLP)
Regulation (EU) n. 487/2013 (ATP 4 CLP)
Regulation (EU) n. 944/2013 (ATP 5 CLP)
Regulation (EU) n. 605/2014 (ATP 6 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Where applicable, refer to the following regulatory provisions :

Directive 82/501/EEC ('Activities linked to risks of serious accidents') and subsequent amendments.
Regulation (EC) nr 648/2004 (detergents).
1999/13/EC (VOC directive)

Provisions related to directive EU 2012/18 (Seveso III):
N.A.

15.2. Chemical safety assessment
No

SECTION 16: Other information

Text of phrases referred to under heading 3:

H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H304 May be fatal if swallowed and enters airways.
H411 Toxic to aquatic life with long lasting effects.
H319 Causes serious eye irritation.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H412 Harmful to aquatic life with long lasting effects.
H302 Harmful if swallowed.
H332 Harmful if inhaled.
H312 Harmful in contact with skin.

This document was prepared by a competent person who has received appropriate training.
Main bibliographic sources:

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NIOSH - Registry of toxic effects of chemical substances (1983)

I.N.R.S. - Fiche Toxicologique

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality. It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended. It's possible to contest the product not later than a week from its arrival. This MSDS cancels and replaces any preceding release.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GefStoffVO:	Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
LTE:	Long-term exposure.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STE:	Short-term exposure.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWATLV:	Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).
WGK:	German Water Hazard Class.
Data:	Opera(MI) - Italy, 2/7/2018

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Creative Flavours & Fragrances S.p.A.
TECHNICAL SPECIFICATION

Product type and use: mixture of natural oils and synthetic raw materials for use in perfumery for cosmetics, alcoholic perfumery and detergents.
INCI name: parfum/fragrance
ISS Formula Code: FGR65837 (website: www.iss.it - company code 12546920153)

PRODUCT CHARACTERISTIC (*)

Appearance: liquid clearless
Colour: colourless
Odour: characteristic
Flash point: >60 °C
Autoignition temperature: N.A.
Relative density: 0.889 - 0.909 g/ml (20°C)
Refraction index: 1.441 - 1.461 (20°C)
Solubility: ethanol, oils and fats
Microbiological state: the fragrance is not subject for microbiological organism.
pH (MA006): N.A.
Melting point / freezing point: N.A.
Solid/gas flammability: N.A.
Explosive properties: N.A.
Oxidizing properties: N.A.
Vapour pressure: N.A.hPa
Partition c. (n-octanol/H₂O): N.A.

PACKING AND STORAGE:

Keep the product in its original container, well sealed, in a dry and ventilated area, with a temperature between 8 and 24°C (46.4/75.2°F) not more than 12 months. After 12 months, quality should be checked before use.

PRECAUTION:

Concentrated product for industrial use avoid contact with eyes and mucous. Do not drink.

* NOTE: This data is based on information believed to be reliable. The chemical and physical values, olfactive note and colour were determined immediately after manufacture of the product. The colour and olfactive note, in some fragrance, can be change in second time for natural process of ageing. Alterations can result due to improper transport and/or improper storage. The certificate does not release the user from the responsibility of undertaking his own tests of the characteristics of the product and its suitability in the intended application.
This document was processed automatically and therefore has no signature.

Data: Opera(MI) - Italy, 2/7/2018

Creative Flavours & Fragrances S.p.A.
SAFETY EVALUATION DATA FOR THE FRAGRANCE

ALLERGENIC SUBSTANCES (by ECHA Code of practice 2006 & Dir.2003/15/CEE):

List of allergens	N°CAS	% used as such	% via essential oils	% total presence
Alpha Isomethyl Ionone	127-51-5	0.000	0.000	0.000
Amyl Cinnamal	122-40-7	0.000	0.000	0.000
Anise Alcohol	105-13-5	0.000	0.000	0.000
Benzyl Alcohol	100-51-6	0.000	0.000	0.000
Benzyl Benzoate	120-51-4	0.000	0.000	0.000
Benzyl Cinnamate	103-41-3	0.000	0.000	0.000
Benzyl Salicylate	118-58-1	0.000	0.000	0.000
Butylphenyl Methylpropional	80-54-6	0.000	0.000	0.000
Cinnamal	104-55-2	0.000	0.000	0.000
Cinnamyl Alcohol	104-54-1	0.000	0.000	0.000
Citral	5392-40-5	0.000	0.000	0.000
Citronellol	106-22-9	0.000	0.000	0.000
Coumarin	91-64-5	0.000	0.000	0.000
Eugenol	97-53-0	0.000	0.000	0.000
Farnesol	4602-84-0	0.000	0.000	0.000
Geraniol	106-24-1	0.000	0.000	0.000
Hexyl Cinnamal	101-86-0	0.000	0.000	0.000
Hydroxycitronellal	107-75-5	0.000	0.000	0.000
Hydroxyisohexyl 3-CyclohexeneCarboxaldehyde	31906-04-4	0.000	0.000	0.000
Isoeugenol	97-54-1	0.000	0.000	0.000
Limonene	5989-27-5	0.000	0.000	0.000
Linalool	78-70-6	0.000	0.000	0.000
Methyl 2-Octynoate	111-12-6	0.000	0.000	0.000
Evernia Prunastri (Oakmoss) Extract	90028-68-5	0.000	0.000	0.000
Evernia Furfuracea (Treemoss) Extract	90028-67-4	0.000	0.000	0.000
Amylcinnamyl Alcohol	101-85-9	0.000	0.000	0.000

The concentration of "0.000" means less than 10 ppm. These are calculated concentrations that do not replace the chromatographic quantification of individual lots.

The European Community authorities selected these ingredients, whose presence in cosmetic products should be made manifest to

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inform end users, when exceeding these limits: 0.001% (10ppm) for "leave-on" products, 0.01% (100ppm) for "Rinse-off" products, and 0.01% (100ppm) for products in order to cleanse.

OTHERS DECLARATION

C.M.R SUBSTANCES

The fragrances produced off CFF do not contain substances listed into category 1^o e 2^o off C.M.R. (Directive 2003/15/CE e 67/548/CEE - for cancerogenic, mutagenic and toxic substance for reproduction).

They can contain substance classificate into 3^o category of C.M.R. list; in that case you can find them listed in section 3 of the datasheet.

MUSK

THE PROHIBITED SUBSTANCE (Dir. 2008/42/CE of 3 april 2008, modification of dir. 76/768/CEE)

We declare that the fragrances end essences, produced and distributed by us do not contain the substances listed into the Annex II to Directive 2008/42/CE of 3 april 2008, modification of dir. 76/768/CEE and subsequent amendments on the approximation of the laws of the Member States relating to cosmetic products.

All our documents are updated at the real time

OGM

The product doesn't contain any GMO (genetic modificate organism) or their derivatives according with reference to Commission Regulation (EC) n°1829/2003 and 1830/2003 and amendments.

ANIMAL TESTING (Dir. 93/35/CEE)

We declare that we not practice animal testing for our fragrances end essences (Dir. 93/35/CEE).

BSE - TSE / DIOSSINA - PCBS

In our product - fragrance we not used source materials from animals (with reference to the Note for Guidance EMEA/410/01 Rev. 2), it has been produced by natural vegetable and/or sintetic raw materials.

IONISING RADIATION

The product has not been treated with ionising radiation with reference to the Directives 1999/2/CE and 1999/3/CE.

RESIDUAL SOLVENTS

With reference to the Italian DL 64/93 and further modifications which acknowledge EEC Directive 88/344 and amendments the product doesn't contain any residual solvent not authorized or, if it does, they don't exceed the limit provided by law.

RESIDUAL OF PESTICIDES

With reference to the Council Directives 76/895/EEC, 86/362/EEC, 86/363/EEC which defines the maximum content of some pesticides in food-stuffs and amendments the product doesn't contain any contaminant not authorized or, if it does, it doesn't exceed the limit provided by law.

RESIDUAL OF CONTAMINANTS

With reference to the Regulation (CE) N.1881/2006 of the COMMISSION dated 19/12/2006, which defines the maximum content of some contaminants in food-stuffs and amendments the product doesn't contain any contaminant not authorized or, if it does, it doesn't exceed the limit provided by law.

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With reference to the EEC DIRECTIVE 88/388 and further modifications, Italian DL 107/92 and further modifications the product doesn't contain any residual heavy metal in quantity higher than the indicated (As < 3 mg/kg; Pb < 10 mg/kg; Hg < 1 mg/k; Cd < 1 mg/kg)

LABELLING INFORMATION:

Council Directive 67/548/EEC (Classification, packaging and labelling of dangerous substances) and subsequent amendments. Council Directive 1999/45/EC (Classification, packaging and labelling of dangerous preparations) and subsequent amendments. Commission Directive 98/24/EC (Protection of the health and safety of workers from the risk related to chemical agent). Commission Directive 2000/39/EC (Occupational exposure limit values). Regulation (EC) No 1907/2006 (REACH). Regulation (EC) No 1272/2008 (CLP) (Annex VI). Regulation (EC) No 790/2009 (Annex IV, Annex V).

Hazard pictograms:



Warning

Hazard statements:

H317 May cause an allergic skin reaction.

H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements:

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P391 Collect spillage.

P501 Dispose of contents/container in accordance with applicable regulations.

Special Provisions:

None

Contents:

Tetrahydrolinalool

Allyl 3-cyclohexylpropionate: May produce an allergic reaction.

Reaction Mass of Cis-4-(isopropyl) cyclohexanemethanol and Trans-4-(isopropyl) cyclohexanemethanol: May produce an allergic reaction.

2,4-dimethyl-3-cyclohexene-1-carboxaldehyde: May produce an allergic reaction.

NOTA: This document was processed automatically and therefore has no signature.

Data:

Opera(MI) - Italy, 2/7/2018