



Safety Data Sheet dated 9/2/2024, Edition 3 version 1
Data di stampa 16/2/2024

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

1.1. Product identifier

Mixture identification:

Trade code: **CPC23101**

Trade name: **HYPNOTIC**

INCI name: **parfum/fragrance**

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

Recommended use:

Ingredient for the formulation of mixtures in the detergent, cosmetic and plastic sectors.

Uses advised against:

Not for food use

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 Control Center, University Hospital, Viale Luigi Pinto 1, Foggia; Tel.: + 39 800183459

Poison Control Center, Careggi University Hospital, Medical Toxicology Unit, Via Largo

Brambilla 3, Firenze; Tel.: + 39 055-7947819

Poison Control Center, National Toxicological Information Center, IRCCS Salvatore Maugeri

Foundation Labor and Rehabilitation Clinic, Via Salvatore Maugeri 10, Pavia; Tel.: + 39

0382-24444

Poison Control Center, "Antonio Cardarelli" Hospital, III Anesthesia and Reanimation Service,

Via Antonio Cardarelli 9, Napoli; Tel.: + 39 081-5453333

Poison Control Center, Niguarda Ca 'Grande Hospital, Piazza Ospedale Maggiore 3, Milano;

Tel.: + 39 02-66101029

Poison Control Center, "Papa Giovanni XXIII" Hospital, Clinical Toxicology, Department of

Clinical Pharmacy and Pharmacology, Piazza OMS 1, Bergamo; Tel.: + 39 800883300

"Umberto I" Polyclinic Poison Control Center, PRGM Emergency Toxicology, Viale del Policlinico

155, Roma Tel.: + 39 06-49978000

Poison Control Center, Bambino Gesù Children's Hospital, DEA Emergency and Acceptance

Department, Piazza Sant'Onofrio 4, Roma; Tel.: + 39 06 68593726

Poison Control Center of the "Agostino Gemelli" Polyclinic, Clinical Toxicology Service, Largo

Agostino Gemelli 8, Roma; Tel.: + 39 06-3054343

Poison Control Center of the Integrated University Hospital (AOUI) of Verona, Borgo Trento,

Piazzale Aristide Stefani, 1 - 37126 Verona. Tel.: + 39 800011858

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP):

⚠ Warning, Eye Irrit. 2, Causes serious eye irritation.

⚠ Warning, Skin Sens. 1, May cause an allergic skin reaction.

⚠ Aquatic Chronic 2, Toxic to aquatic life with long lasting effects.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

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Hazard pictograms:



Warning

Hazard statements:

H319 Causes serious eye 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.

P273 Avoid release to the environment.

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

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

P337+P313 If eye irritation persists: Get medical advice/attention.

P391 Collect spillage.

Special Provisions:

EUH208 Contains methyl cedryl ketone. May produce an allergic reaction.

EUH208 Contains 1-methoxy-4-(1-propenyl) benzene. May produce an allergic reaction.

EUH208 Contains methyl 2,4-dihydroxy-3,6-dimethylbenzoate. May produce an allergic reaction.

Contains

Hexyl cinnamal

Special provisions according to Annex XVII of REACH and subsequent amendments:

None

2.3. Other hazards

No PBT, vPvB or endocrine disruptor substances present in concentration $\geq 0.1\%$

Other Hazards:

No other hazards

SECTION 3: Composition/information on ingredients

3.1. Substances

3.2. Mixtures

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

Qty	Name	Ident. Number	Classification
12.5% - 15%	Benzaldehyde, 4-hydroxy-3-methoxy-	CAS: 121-33-5 EC: 204-465-2 REACH 01- No.: 21195160 40-60-0000	3.3/2 Eye Irrit. 2 H319
10% - 12.5%	1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran;	Index number: 603-212-00-7	4.1/A1 Aquatic Acute 1 H400 M=1.

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	galaxolide; (HHCB)	CAS: EC: REACH No.:	1222-05-5 214-946-9 01- 21194882 27-29- 0000	4.1/C1 Aquatic Chronic 1 H410 M=1.
7% - 10%	Tetrahydro-4- methyl-2-(2- methylpropyl)-2H- Pyrans-4-ol	Index number: CAS: EC: REACH No.:	603-101- 00-3 63500- 71-0 405-040-6 01- 00000154 58-64- XXXX	3.3/2 Eye Irrit. 2 H319
5% - 7%	Hexyl cinnamal	EC: REACH No.:	639-566-4 01- 21195330 92-50- XXXX	3.4.2/1 Skin Sens. 1 H317 4.1/A1 Aquatic Acute 1 H400 M=1. 4.1/C2 Aquatic Chronic 2 H411
2.5% - 3%	cis-3-Hexenyl salicylate	CAS: EC: REACH No.:	65405- 77-8 265-745-8 01- 21199873 20-37- XXXX	4.1/A1 Aquatic Acute 1 H400 M=1.
1% - 2. 5%	3-(5,5,6- Trimethylbicyclo[2 .2.1]hept-2-yl) cyclohexan-1-ol	CAS: REACH No.:	3407-42-9 01- 21199795 83-21- 0000	3.3/2 Eye Irrit. 2 H319 4.1/C2 Aquatic Chronic 2 H411 3.7/2 Repr. 2 H361
1% - 2. 5%	3-ethoxy-4- hydroxybenzaldehy de	CAS: EC: REACH No.:	121-32-4 204-464-7 01- 21199589 61-24-	3.3/2 Eye Irrit. 2 H319

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		XXXX	
0.5% - 1%	methyl cedryl ketone	CAS: 32388-55-9 EC: 251-020-3 REACH No.: 01-21199696 51-28-XXXX	3.4.2/1B Skin Sens. 1B H317 4.1/A1 Aquatic Acute 1 H400 M=1. 4.1/C1 Aquatic Chronic 1 H410 M=1.
0.5% - 1%	6-Acetyl-1,1,2,4,4,7-hexamethyl-tetralin	CAS: 1506-02-1 EC: 216-133-4 REACH No.: 01-21195394 33-40-0000	3.1/4/Oral Acute Tox. 4 H302 4.1/A1 Aquatic Acute 1 H400 4.1/C1 Aquatic Chronic 1 H410 M=1.
0.25% - 0.3%	1-methoxy-4-(1-propenyl) benzene	CAS: 4180-23-8 EC: 224-052-0 REACH No.: 01-21199790 97-22-0000	3.4.2/1 Skin Sens. 1 H317 4.1/C3 Aquatic Chronic 3 H412
0.25% - 0.3%	methyl 2,4-dihydroxy-3,6-dimethylbenzoate	CAS: 4707-47-5 EC: 225-193-0 REACH No.: 01-21207627 59-36-XXXX	3.4.2/1B Skin Sens. 1B H317
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-XXXX	4.1/A1 Aquatic Acute 1 H400 4.1/C1 Aquatic Chronic 1 H410 M=1.
11 ppm	p-cresol	Index number: 604-004-00-9 CAS: 106-44-5 EC: 203-398-6	3.1/3/Dermal Acute Tox. 3 H311 4.1/C3 Aquatic Chronic 3 H412 3.1/3/Oral Acute Tox. 3 H301

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			36-36-0000	3.2/1B Skin Corr. 1B H314
9 ppm	Diacetyl	CAS: EC: REACH No.:	431-03-8 207-069-8 N.A. *	⚠ 2.6/2 Flam. Liq. 2 H225 ⚠ 3.1/4/Oral Acute Tox. 4 H302 ⚠ 3.2/2 Skin Irrit. 2 H315 ⚠ 3.4.2/1 Skin Sens. 1 H317 ⚠ 3.1/3/Inhal Acute Tox. 3 H331 ⚠ 3.3/1 Eye Dam. 1 H318 ⚠ 3.9/2 STOT RE 2 H373
1 ppb	Benzene, 1,1'-Oxybis	CAS: EC: REACH No.:	101-84-8 202-981-2 01-21194725 45-33-XXXX	⚠ 3.3/2 Eye Irrit. 2 H319 ⚠ 4.1/C2 Aquatic Chronic 2 H411

legenda REACH No.:

- * esente <1ton anno/ exempted <1 ton year
- ** miscela esente/exempted mixtures
- *** polimero esente exempted polymer
- **** aroma esente/exempted aroma
- ***** esente All. V/exempted Ann.V
- ***** immesso prima del 2018/ market before 2018

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.

After contact with skin, wash immediately with soap and plenty of water.

In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

Protect uninjured eye.

In case of Ingestion:

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

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

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- 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 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.
See also section 8 for recommended protective equipment.
Advice on general occupational hygiene:
Contaminated clothing should be changed before entering eating areas.
Do not eat or drink while working.
- 7.2. Conditions for safe storage, including any incompatibilities
Keep away from food, drink and feed.
Incompatible materials:
None in particular.
Instructions as regards storage premises:
Adequately ventilated premises.
- 7.3. Specific end use(s)

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

p-cresol - CAS: 106-44-5

EU - TWA(8h): 22 mg/m³, 5 ppm

ACGIH - TWA(8h): 20 mg/m³ - Notes: (IFV), Skin, A4 - URT irr

Diacetyl - CAS: 431-03-8

EU - TWA(8h): 0,07 mg/m³, 0,02 ppm - STEL: 0,36 mg/m³, 0,1 ppm

ACGIH - TWA(8h): 0.01 ppm - STEL: 0.02 ppm - Notes: A4 - Lung dam (Bronchiolitis obliterans-like illness)

Benzene, 1,1'-Oxybis - CAS: 101-84-8

EU - TWA(8h): 7 mg/m³, 1 ppm - STEL: 14 mg/m³, 2 ppm

ACGIH - TWA(8h): 1 ppm - STEL: 2 ppm - Notes: (V) - URT and eye irr, nausea

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, thickness > 0.11 mm

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:
Physical state:	Liquid	--	--
Colour:	pale yellow to yellow	--	--
Odour:		--	--
Melting point/freezing point:	N.A.	--	--
Boiling point or initial boiling point and boiling range:	N.A.	--	--

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Flammability:	N.A.	--	--
Lower and upper explosion limit:	N.A.	--	--
Flash point:	>60 °C	--	--
Auto-ignition temperature:	N.A.	--	--
Decomposition temperature:	N.A.	--	--
pH:	N.A.	--	--
Kinematic viscosity:	<= 20,5 mm ² /sec (40 °C)	--	--
Solubility in water:		--	--
Solubility:	ethanol, oils and fats	--	--
Partition coefficient n-octanol/water (log value):	N.A.	--	--
Vapour pressure:	N.A.	--	--
Density and/or relative density:	1.041 - 1.061 (D20/20)	--	--
Relative vapour density:	N.A.	--	--
Particle characteristics:			
Particle size:	N.A.	--	--

9.2. Other information
No other relevant information

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.

SECTION 11: Toxicological information

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11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Toxicological information of the product:

N.A.

Toxicological information of the main substances found in the product:

Benzaldehyde, 4-hydroxy-3-methoxy- - CAS: 121-33-5

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 1.580 mg/kg

Test: LD50 - Route: Oral - Species: Mouse = 3.925 mg/kg

Test: LD50 - Route: Oral - Species: Guinea pig = 1.400 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 5.010 mg/kg

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

Hexyl cinnamal

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 3100 mg/kg

methyl cedryl ketone - CAS: 32388-55-9

b) skin corrosion/irritation:

Test: Skin Irritant - Route: Skin - Species: Rabbit Positive - Duration: 24H

d) respiratory or skin sensitisation:

Test: Skin Sensitization - Species: Human Negative - Source: @30% in petrolatum

6-Acetyl-1,1,2,4,4,7-hexamethyl-tetralin - CAS: 1506-02-1

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 964 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit = 6740 mg/kg

1-methoxy-4-(1-propenyl) benzene - CAS: 4180-23-8

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 2090 mg/kg

Test: LD50 - Route: Oral - Species: Mouse = 3050 mg/kg

Test: LD50 - Route: Oral - Species: Guinea pig = 2160 mg/kg

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

b) skin corrosion/irritation:

Test: Eye Irritant - Route: N.A. - Species: Rabbit Low irritant effect

Test: Skin Irritant - Route: Skin - Species: Guinea pig Low irritant effect

d) respiratory or skin sensitisation:

Test: Skin Sensitization - Route: Skin - Species: Guinea pig Negative

If not differently specified, the information required in Regulation (EU)2020/878 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;

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- j) aspiration hazard.
- 11.2. Information on other hazards
Endocrine disrupting properties:
No endocrine disruptor substances present in concentration $\geq 0.1\%$

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
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
Hexyl cinnamal
a) Aquatic acute toxicity:
Endpoint: LC50 - Species: Fish = 1.7 mg/l - Duration h: 96
methyl cedryl ketone - CAS: 32388-55-9
a) Aquatic acute toxicity:
Endpoint: LC50 - Species: Fish = 2.3 mg/l - Duration h: 96
1-methoxy-4-(1-propenyl) benzene - CAS: 4180-23-8
a) Aquatic acute toxicity:
Endpoint: EC0 - Species: Brachydanio rerio = 4.8 mg/l - Duration h: 96
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
Benzene, 1,1'-Oxybis - CAS: 101-84-8
a) Aquatic acute toxicity:
Endpoint: LC50 - Species: Fish = 10 mg/l - Duration h: 24
- 12.2. Persistence and degradability
N.A.
- 12.3. Bioaccumulative potential
N.A.
- 12.4. Mobility in soil
N.A.
- 12.5. Results of PBT and vPvB assessment
vPvB Substances: None - PBT Substances: None
- 12.6. Endocrine disrupting properties
No endocrine disruptor substances present in concentration $\geq 0.1\%$
- 12.7. 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

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- 14.1. UN number or ID 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), methyl cedryl ketone)
 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), methyl cedryl ketone)
 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), methyl cedryl ketone)
- 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)
 IMDG-EmS: F-A,
 S-F
- 14.6. Special precautions for user
 ADR-Subsidiary hazards: -
 ADR-S.P.: 274 335 375 601
 ADR-Transport category (Tunnel restriction code): 3 (-)
 IATA-Passenger Aircraft: 964
 IATA-Subsidiary hazards: -
 IATA-Cargo Aircraft: 964
 IATA-S.P.: A97 A158 A197 A215
 IATA-ERG: 9L
 IMDG-Subsidiary hazards: -
 IMDG-Stowage and handling: Category A
 IMDG-Segregation: -

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14.7. Maritime transport in bulk according to IMO instruments
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) n. 2020/878
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)
Regulation (EU) n. 2015/1221 (ATP 7 CLP)
Regulation (EU) n. 2016/918 (ATP 8 CLP)
Regulation (EU) n. 2016/1179 (ATP 9 CLP)
Regulation (EU) n. 2017/776 (ATP 10 CLP)
Regulation (EU) n. 2018/669 (ATP 11 CLP)
Regulation (EU) n. 2018/1480 (ATP 13 CLP)
Regulation (EU) n. 2019/521 (ATP 12 CLP)
Regulation (EU) n. 2020/217 (ATP 14 CLP)
Regulation (EU) n. 2020/1182 (ATP 15 CLP)
Regulation (EU) n. 2021/643 (ATP 16 CLP)
Regulation (EU) n. 2021/849 (ATP 17 CLP)
Regulation (EU) n. 2022/692 (ATP 18 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 2012/18/EU (Seveso III)
Regulation (EC) nr 648/2004 (detergents).
Dir. 2004/42/EC (VOC directive)

Provisions related to directive EU 2012/18 (Seveso III):
Seveso III category according to Annex 1, part 1
Product belongs to category: E2

15.2. Chemical safety assessment
No

SECTION 16: Other information

Text of phrases referred to under heading 3:

H319 Causes serious eye irritation.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H317 May cause an allergic skin reaction.
H411 Toxic to aquatic life with long lasting effects.
H361 Suspected of damaging fertility or the unborn child.
H302 Harmful if swallowed.
H412 Harmful to aquatic life with long lasting effects.
H311 Toxic in contact with skin.
H301 Toxic if swallowed.
H314 Causes severe skin burns and eye damage.

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H225 Highly flammable liquid and vapour.
H315 Causes skin irritation.
H331 Toxic if inhaled.
H318 Causes serious eye damage.
H373 May cause damage to organs through prolonged or repeated exposure.

Hazard class and hazard category	Code	Description
Flam. Liq. 2	2.6/2	Flammable liquid, Category 2
Acute Tox. 3	3.1/3/Dermal	Acute toxicity (dermal), Category 3
Acute Tox. 3	3.1/3/Inhal	Acute toxicity (inhalation), Category 3
Acute Tox. 3	3.1/3/Oral	Acute toxicity (oral), Category 3
Acute Tox. 4	3.1/4/Oral	Acute toxicity (oral), Category 4
Skin Corr. 1B	3.2/1B	Skin corrosion, Category 1B
Skin Irrit. 2	3.2/2	Skin irritation, Category 2
Eye Dam. 1	3.3/1	Serious eye damage, Category 1
Eye Irrit. 2	3.3/2	Eye irritation, Category 2
Skin Sens. 1	3.4.2/1	Skin Sensitisation, Category 1
Skin Sens. 1B	3.4.2/1B	Skin Sensitisation, Category 1B
Repr. 2	3.7/2	Reproductive toxicity, Category 2
STOT RE 2	3.9/2	Specific target organ toxicity - repeated exposure, Category 2
Aquatic Acute 1	4.1/A1	Acute aquatic hazard, category 1
Aquatic Chronic 1	4.1/C1	Chronic (long term) aquatic hazard, category 1
Aquatic Chronic 2	4.1/C2	Chronic (long term) aquatic hazard, category 2
Aquatic Chronic 3	4.1/C3	Chronic (long term) aquatic hazard, category 3

No Chemical Safety Assessment has been carried out for the mixture.
This safety data sheet has been completely updated in compliance to Regulation 2020/878.
Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
Eye Irrit. 2, H319	Calculation method
Skin Sens. 1, H317	Calculation method

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Aquatic Chronic 2, H411	Calculation method
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This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

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.
ATE:	Acute Toxicity Estimate
ATEmix:	Acute toxicity Estimate (Mixtures)
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.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average
WGK:	German Water Hazard Class.

Data: Opera(MI) - Italy, 9/2/2024

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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

PRODUCT CHARACTERISTIC (*)

Appearance:	liquid clearless
Colour:	pale yellow to yellow
Odour:	characteristic
Flash point:	>60 °C
Autoignition temperature:	N.A.
Relative density:	1.041 - 1.061 (D20/20)
Refraction index:	1.486 - 1.506 (20°C)
Solubility:	ethanol, oils and fats
Microbiological state:	the fragrance is not subject for microbiological organism.
Anti-oxydants and preservatives:	bht (0.2011%)
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.
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.

The information is considered correct, but it is not exhaustive and it shall be used only as a guide which is based on the current knowledge of the substance or mixture and it is applicable to the safety precautions appropriate for the product. 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.

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SAFETY EVALUATION DATA FOR THE FRAGRANCE

ALLERGENS (EFFA Code of practice 2006 & EC 1223/2009 All. III and its amendments):

List of allergens	N° CAS	% used as such	% via essential oils	% total presence
3-Propylidenephthalide	17369-59-4	0.000	0.000	0.000
6-Methylcoumarin	92-48-8	0.000	0.000	0.000
Acetylcedrene	32388-55-9	0.000	0.900	0.900
Alpha Isomethyl Ionone	127-51-5	0.000	0.000	0.000
Alpha-Terpinene	99-86-5	0.000	0.000	0.000
Amyl Cinnamal	122-40-7	0.000	0.002	0.002
Amyl Cinnamyl Alcohol	101-85-9	0.000	0.000	0.000
Amyl Salicylate	2050-08-0	0.000	0.000	0.000
Anethole	104-46-1	0.000	0.272	0.272
Anise Alcohol	105-13-5	0.000	0.000	0.000
Benzaldehyde	100-52-7	0.000	0.000	0.000
Benzyl Alcohol	100-51-6	0.000	0.006	0.006
Benzyl Benzoate	120-51-4	0.000	0.521	0.521
Benzyl Cinnamate	103-41-3	0.000	0.008	0.008
Benzyl Salicylate	118-58-1	0.000	0.000	0.000
Beta-Caryophyllene	87-44-5	0.000	0.000	0.000
Camphor	76-22-2	0.000	0.000	0.000
Cananga Odorata Oil/Extract	8006-81-3	0.000	0.000	0.000
Carvone	99-49-0	0.000	0.000	0.000
Cedrus Atlantica Oil/Extract	8023-85-6	0.000	0.000	0.000
Cinnamal	104-55-2	0.000	0.000	0.000
Cinnamomum Cassia Leaf Oil	8007-80-5	0.000	0.000	0.000
Cinnamomum Zeylanicum Bark Oil	8015-91-6	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
Citrus Aurantium Bergamia Peel Oil	8007-75-8	0.000	0.000	0.000
Citrus Aurantium Flower Oil	8016-38-4	0.000	0.000	0.000

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Citrus Aurantium Peel Oil	8028-48-6	0.000	0.000	0.000
Citrus Limon Peel Oil	8008-56-8	0.000	0.000	0.000
Coumarin	91-64-5	0.000	0.030	0.030
Dimethyl Phenethyl Acetate	151-05-3	0.000	0.000	0.000
Eucalyptus Globulus Oil	8000-48-4	0.000	0.000	0.000
Eugenia Caryophyllus Oil	8000-34-8	0.000	0.000	0.000
Eugenol	97-53-0	0.000	0.003	0.003
Eugenyl Acetate	93-28-7	0.000	0.000	0.000
Evernia Furfuracea Extract	90028-67-4	0.000	0.000	0.000
Evernia Prunastri Extract	90028-68-5	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
Geranyl Acetate	105-87-3	0.000	0.000	0.000
Hexadecanolactone	109-29-5	0.000	0.000	0.000
Hexamethylindanopyran	1222-05-5	0.000	10.904	10.904
Hexyl Cinnamal	101-86-0	0.000	5.400	5.400
Hydroxycitronellal	107-75-5	0.000	0.000	0.000
Isoeugenol	97-54-1	0.000	0.000	0.000
Isoeugenyl Acetate	93-29-8	0.000	0.000	0.000
Jasmine Oil/Extract	8022-96-6	0.000	0.001	0.001
Juniperus Virginiana Oil	8000-27-9	0.000	0.000	0.000
Laurus Nobilis Leaf Oil	8002-41-3	0.000	0.000	0.000
Lavandula Oil/Extract	8022-15-9	0.000	0.000	0.000
Lemongrass Oil	8007-02-1	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
Linalyl Acetate	115-95-7	0.000	0.000	0.000
Lippia citriodora absolute	8024-12-2	0.000	0.000	0.000
Mentha Piperita Oil	8006-90-4	0.000	0.000	0.000
Mentha Viridis Leaf Oil	8008-79-5	0.000	0.000	0.000
Menthol	89-78-1	0.000	0.000	0.000
Methyl 2-Octynoate	111-12-6	0.000	0.000	0.000
Methyl Salicylate	119-36-8	0.000	0.000	0.000
Myroxylon Pereirae Oil/Extract	8007-00-9	0.000	0.030	0.030
Narcissus Extract	90064-26-9	0.000	0.000	0.000

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Pelargonium Graveolens Flower Oil	8000-46-2	0.000	0.000	0.000
Pinene	80-56-8	0.000	0.002	0.002
Pinus Mugo	90082-72-7	0.000	0.000	0.000
Pinus Pumila	97676-05-6	0.000	0.000	0.000
Pogostemon Cablin Oil	8014-09-3	0.000	0.000	0.000
Rose Flower Oil/Extract	90106-38-0	0.000	0.000	0.000
Rose Ketones	23696-85-7	0.000	0.000	0.000
Salicylaldehyde	90-02-8	0.000	0.000	0.000
Santalol	11031-45-1	0.000	0.000	0.000
Santalum Album Oil	8006-87-9	0.000	0.000	0.000
Sclareol	515-03-7	0.000	0.000	0.000
Terpineol	8000-41-7	0.000	0.004	0.004
Terpinolene	586-62-9	0.000	0.000	0.000
Tetramethyl acetyloctahydronaphthalenes	54464-57-2	0.000	0.000	0.000
Trimethylbenzenepropanol	103694-68-4	0.000	0.000	0.000
Trimethylcyclopentenyl Methylisopentenol	67801-20-1	0.000	0.000	0.000
Turpentine	9005-90-7	0.000	0.000	0.000
Vanillin	121-33-5	0.000	13.750	13.750

INCI/Grouping - Name	Cosmetic Regulation Annex/Entry No.	CAS
Anethole:	III/329	104-46-1; 4180-23-8
Camphor:	III/331	21368-68-3; 464-48-2; 464-49-3; 76-22-2
Cananga Odorata Oil/Extract:	III/347	68606-83-7; 8006-81-3; 83863-30-3; 93686-30-7
Carvone:	III/333	2244-16-8; 6485-40-1; 99-49-0
Cedrus Atlantica Oil/ Extract:	III/122	8023-85-6; 92201-55-3
Cinnamomum Cassia Leaf Oil:	III/348	8007-80-5; 84961-46-6
Cinnamomum Zeylanicum Bark Oil:	III/349	8015-91-6; 84649-98-9
Citral:	III/70	106-26-3; 141-27-5; 5392-40-5
Citronellol:	III/86	106-22-9; 1117-61-9; 26489-01-0; 7540-51-4
Citrus Aurantium Bergamia Peel Oil:	III/352	68648-33-9; 8007-75-8; 85049-52-1; 89957-91-5
Citrus Aurantium Flower Oil:	III/350	8016-38-4; 8028-48-6
Citrus Aurantium Peel Oil:	III/351	68916-04-1; 8008-57-9; 8028-48-6; 97766-30-8
Citrus Limon Peel Oil:	III/353	8008-56-8; 84929-31-7
Eucalyptus Globulus Oil:	III/355	8000-48-4; 97926-40-4
Eugenia Caryophyllus Oil:	III/356	8000-34-8; 8015-97-2; 84961-50-2
Isoeugenol:	III/73	5912-86-7; 5932-68-3; 97-54-1
Jasmine Oil/Extract:	III/357	8022-96-6; 8024-43-9; 84776-64-7; 90045-94-6
Juniperus Virginiana Oil:	III/358	8000-27-9; 85085-41-2
Laurus Nobilis Leaf Oil:	III/359	8002-41-3; 8007-48-5; 84603-73-6
Lavandula Oil/Extract:	III/360	8000-28-0; 8022-15-9; 84776-65-8; 90063-37-9; 91722-69-9; 92623-76-2; 93455-96-0
Lemongrass Oil:	III/354	8007-02-1; 89998-16-3; 91844-92-7
Limonene:	III/88	138-86-3; 5989-27-5; 5989-54-8; 7705-14-8
Lippia citriodora absolute:	III/196	8024-12-2; 85116-63-8
Mentha Piperita Oil:	III/361	8006-90-4; 84082-70-2
Mentha Viridis Leaf Oil:	III/362	8008-79-5; 84696-51-5
Menthol:	III/338	1490-04-6; 15356-60-2; 2216-51-5; 89-78-1
Narcissus Extract:	III/363	68917-12-4; 90064-25-8; 90064-26-9; 90064-27-0
Pelargonium Graveolens Flower Oil:	III/364	8000-46-2; 90082-51-2

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Pinene:	III/371	127-91-3; 18172-67-3; 7785-70-8; 80-56-8
Pogostemon Cablin Oil:	III/365	8014-09-3; 84238-39-1
Rose Flower Oil/Extract:	III/366	8007-01-0; 84604-12-6; 84604-13-7; 84696-47-9; 90106-38-0; 92347-25-6; 93334-48-6
Rose Ketones:	III/157	23696-85-7; 23726-91-2; 23726-92-3; 23726-94-5; 24720-09-0; 43052-87-5; 57378-68-4
Santalol:	III/341	11031-45-1; 115-71-9; 77-42-9
Santalum Album Oil:	III/367	8006-87-9; 84787-70-2
Terpineol:	III/343	138-87-4; 586-81-2; 8000-41-7; 98-55-5
Tetramethyl acetyloctahydronaphthalenes:	III/344	54464-57-2; 54464-59-4; 68155-66-8; 68155-67-9
Turpentine:	III/124	8006-64-2; 8052-14-0; 9005-90-7

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 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.

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