

Safety Data Sheet

FGR-1077

MOJITO



Safety Data Sheet dated 18/12/2020, Edition 2 version 1
Data di stampa 12/8/2021

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

1.1. Product identifier

Mixture identification:

Trade code: FGR-1077

Trade name: MOJITO

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

Az. Osp. Univ. Foggia V.le Luigi Pinto, 1 Foggia 800183459

Az. Osp. "Careggi" U.O. Tossicologia Medica Largo Brambilla, 3 Firenze 50134 055-7947819

CAV Centro Nazionale di Informazione Tossicologica Pavia Via Salvatore Maugeri, 10
0382-24444

Poison Centre - Ospedali Riuniti Cardarelli (c/o Usl 40) - Naples - Tel. 081/5453333

Ospedale Niguarda Ca' Granda - Piazza Ospedale Maggiore, 3 Milano - Tel. +39 0266101029

Azienda Ospedaliera Papa Giovanni XXII Bergamo Piazza OMS, 1 800883300

Poison Centre - Università di Roma, Policlinico Umberto I - Rome - Tel. 06/490663

CAV "Osp. Pediatrico Bambino Gesù". DEA Roma Piazza Sant'Onofrio, 4

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 Irrit. 2, Causes skin irritation.

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

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

Aquatic Chronic 3, Harmful to aquatic life with long lasting effects.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Hazard pictograms:



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Warning

Hazard statements:

- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H317 May cause an allergic skin reaction.
- H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
- P264 Wash ... Thoroughly after handling.
- 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.

Special Provisions:

None

Contains

- citral
- L-p-Mentha-1(6),8-dien-2-one : May produce an allergic reaction.
- trans-menthone : May produce an allergic reaction.
- limonene: May produce an allergic reaction.
- Eucalyptol: May produce an allergic reaction.
- (-)-Pin-2(3)-ene: May produce an allergic reaction.
- 2,4-dimethyl-3-cyclohexene-1-carboxaldehyde: May produce an allergic reaction.
- (-)-Pin-2(10)-ene: 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
2.5% - 3%	Camphor	CAS: 76-22-2 EC: 200-945-0 REACH 01- No.: 21199661 56-31- XXXX	<ul style="list-style-type: none"> ⚠ 2.7/2 Flam. Sol. 2 H228 ⚠ 3.2/2 Skin Irrit. 2 H315 ⚠ 3.3/1 Eye Dam. 1 H318 ⚠ 3.1/4/Inhal Acute Tox. 4 H332 ⚠ 3.8/2 STOT SE 2 H371
1% - 2.5%	2-sec-butylcyclohexan-1-one	CAS: 14765-30-1 EC: 238-830-2	<ul style="list-style-type: none"> ⚠ 3.2/2 Skin Irrit. 2 H315

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		REACH No.:	01-21207567 00-57-XXXX	
1% - 2.5%	L-Menthol	CAS: EC: REACH No.:	2216-51-5 218-690-9 01-21194588 66-21-xxxx	◊ 3.2/2 Skin Irrit. 2 H315 ◊ 3.3/2 Eye Irrit. 2 H319
1% - 2.5%	Terpineol	CAS: EC: REACH No.:	8000-41-7 232-268-1 01-21195530 62-49-xxxx	◊ 3.3/2 Eye Irrit. 2 H319 ◊ 3.2/2 Skin Irrit. 2 H315
1% - 2.5%	hydrocarbons, C4, 1,3-butadiene-free, polymd., triisobutylene fraction, hydrogenated	CAS: EC: REACH No.:	93685-81-5 297-629-8 01-21194907 25-29-xxxx	◊ 2.6/3 Flam. Liq. 3 H226 4.1/C4 Aquatic Chronic 4 H413 ◊ 3.10/1 Asp. Tox. 1 H304 EUH066
1% - 2.5%	L-p-Mentha-1(6), 8-dien-2-one	Index number: CAS: EC: REACH No.:	606-148-00-8 6485-40-1 229-352-5 N.A. *	◊ 3.4.2/1 Skin Sens. 1 H317
1% - 2.5%	trans-menthone	CAS: EC: REACH No.:	89-80-5 201-941-1 N.A. *****	◊ 3.2/2 Skin Irrit. 2 H315 ◊ 3.4.2/1 Skin Sens. 1 H317
1% - 2.5%	citral	Index number: CAS: EC: REACH	605-019-00-3 5392-40-5 226-394-6 01-	◊ 3.2/2 Skin Irrit. 2 H315 ◊ 3.3/2 Eye Irrit. 2 H319 ◊ 3.4.2/1B Skin Sens. 1B H317

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		No.:	21194628 29-23- XXXX	
1% - 2.5%	limonene	Index number: CAS: EC: REACH No.:	601-029-00-7 5989-27-5 227-813-5 01-21195292 23-47-XXXX	<ul style="list-style-type: none"> ⚠ 2.6/3 Flam. Liq. 3 H226 ⚠ 4.1/A1 Aquatic Acute 1 H400 M=1. ⚠ 4.1/C1 Aquatic Chronic 1 H410 ⚠ 3.2/2 Skin Irrit. 2 H315 ⚠ 3.4.2/1 Skin Sens. 1 H317
0.5% - 1%	Eucalyptol	CAS: EC: REACH No.:	470-82-6 207-431-5 01-21199677 72-24-0000	<ul style="list-style-type: none"> ⚠ 2.6/3 Flam. Liq. 3 H226 ⚠ 3.4.2/1B Skin Sens. 1B H317
0.5% - 1%	ethyl acetate	Index number: CAS: EC: REACH No.:	607-022-00-5 141-78-6 205-500-4 01-21194751 03-46-XXXX	<ul style="list-style-type: none"> ⚠ 2.6/2 Flam. Liq. 2 H225 ⚠ 3.3/2 Eye Irrit. 2 H319 ⚠ 3.8/3 STOT SE 3 H336 EUH066
0.5% - 1%	(-)-Pin-2(3)-ene	CAS: EC: REACH No.:	80-56-8 201-291-9 01-21195192 23-49-0002	<ul style="list-style-type: none"> ⚠ 2.6/3 Flam. Liq. 3 H226 ⚠ 3.1/4/Oral Acute Tox. 4 H302 ⚠ 3.2/2 Skin Irrit. 2 H315 ⚠ 4.1/A1 Aquatic Acute 1 H400 M=1. ⚠ 3.10/1 Asp. Tox. 1 H304 ⚠ 4.1/C1 Aquatic Chronic 1 H410 M=1. ⚠ 3.4.2/1 Skin Sens. 1 H317
0.5% - 1%	2,4-dimethyl-3-cyclohexene-1-	EC:	943-728-2	<ul style="list-style-type: none"> ⚠ 3.2/2 Skin Irrit. 2 H315

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	carboxaldehyde	REACH No.:	01-21199823 84-28-xxxx	⚠ 3.4.2/1 Skin Sens. 1 H317 ⚠ 4.1/C2 Aquatic Chronic 2 H411
0.3% - 0.5%	(-)-Pin-2(10)-ene	CAS: EC: REACH No.:	127-91-3 242-060-2 01-21195192 30-54-XXXX	⚠ 2.6/3 Flam. Liq. 3 H226 ⚠ 3.10/1 Asp. Tox. 1 H304 ⚠ 3.2/2 Skin Irrit. 2 H315 ⚠ 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.

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

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

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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
For non emergency personnel:
Wear personal protection equipment.
Remove persons to safety.
See protective measures under point 7 and 8.
For emergency responders:
Wear personal protection equipment.
 - 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.
Advice on general occupational hygiene:
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:
None in particular.
Instructions as regards storage premises:
Adequately ventilated premises.
 - 7.3. Specific end use(s)
None in particular
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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Camphor - CAS: 76-22-2

ACGIH - TWA(8h): 2 ppm - STEL: 3 ppm - Notes: A4 - Eye and URT irr, anosmia

citral - CAS: 5392-40-5

ACGIH - TWA(8h): 5 ppm - Notes: (IFV), Skin, DSEN, A4 - Body weight eff, URT irr, eye dam

ethyl acetate - CAS: 141-78-6

EU - TWA(8h): 734 mg/m³, 200 ppm - STEL: 1468 mg/m³, 400 ppm

ACGIH - TWA(8h): 400 ppm - Notes: URT and eye irr

(-)-Pin-2(3)-ene - CAS: 80-56-8

ACGIH - TWA(8h): 20 ppm - Notes: DSEN, A4 - Lung irr

(-)-Pin-2(10)-ene - CAS: 127-91-3

ACGIH - TWA(8h): 20 ppm - Notes: DSEN, A4 - Lung 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, 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:
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	--	--

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Evaporation rate:	N.A.	--	--
Solid/gas flammability:	N.A.	--	--
Upper/lower flammability or explosive limits:	N.A.	--	--
Vapour pressure:	N.A.	--	--
Vapour density:	N.A.	--	--
Relative density:	0.992 - 1.012 (D20/20)	--	--
Solubility:	water	--	--
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

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None.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological information of the product:

N.A.

Toxicological information of the main substances found in the product:

Camphor - CAS: 76-22-2

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Mouse = 1310 mg/kg

Test: LC50 - Route: Skin - Species: Rat > 70 mg/kg

2-sec-butylcyclohexan-1-one - CAS: 14765-30-1

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 2400 mg/kg

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

L-Menthol - CAS: 2216-51-5

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 2602 mg/kg

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

citral - CAS: 5392-40-5

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 4.950 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit = 2.250 mg/kg

limonene - CAS: 5989-27-5

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 4400 mg/kg

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

Test: LD50 - Route: Oral - Species: Mouse = 5600 mg/kg

(-)-Pin-2(3)-ene - CAS: 80-56-8

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 2100 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit = 5005 mg/kg

(-)-Pin-2(10)-ene - CAS: 127-91-3

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 4700 mg/kg

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.

Camphor - CAS: 76-22-2

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 110 mg/l - Duration h: 96

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Endpoint: LC50 - Species: Daphnia magna (Water flea) = 9.303 mg/l - Duration h: 48
citral - CAS: 5392-40-5

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Desmodesmus subspicatus (alga verde) = 16 mg/l - Duration h: 72

Endpoint: EC50 - Species: Desmodesmus subspicatus (alga verde) = 19 mg/l - Duration h: 96

Endpoint: LC50 - Species: Leuciscus idus = 4.6-10.0 mg/l - Duration h: 96

Endpoint: EC50 - Species: Daphnia magna (Water flea) = 7 mg/l - Duration h: 48

limonene - CAS: 5989-27-5

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 0.72 mg/l - Duration h: 96

Endpoint: EC50 - Species: Fish = 0.688 mg/l - Duration h: 96

(-)-Pin-2(3)-ene - CAS: 80-56-8

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Pimephales promelas = 0.28 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

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

14.2. UN proper shipping name

N.A.

14.3. Transport hazard class(es)

N.A.

14.4. Packing group

N.A.

14.5. Environmental hazards

ADR-Environmental Pollutant: No

IMDG-Marine pollutant: No

14.6. Special precautions for user

N.A.

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

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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)
 - 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)

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
None

- 15.2. Chemical safety assessment
No

SECTION 16: Other information

Text of phrases referred to under heading 3:

- H228 Flammable solid.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H332 Harmful if inhaled.
- H371 May cause damage to organs.
- H319 Causes serious eye irritation.
- H226 Flammable liquid and vapour.
- H413 May cause long lasting harmful effects to aquatic life.
- H304 May be fatal if swallowed and enters airways.
- EUH066 Repeated exposure may cause skin dryness or cracking.
- H317 May cause an allergic skin reaction.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- H225 Highly flammable liquid and vapour.
- H336 May cause drowsiness or dizziness.

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H302 Harmful if swallowed.
H411 Toxic to aquatic life with long lasting effects.

Hazard class and hazard category	Code	Description
Flam. Liq. 2	2.6/2	Flammable liquid, Category 2
Flam. Liq. 3	2.6/3	Flammable liquid, Category 3
Flam. Sol. 2	2.7/2	Flammable solid, Category 2
Acute Tox. 4	3.1/4/Inhal	Acute toxicity (inhalation), Category 4
Acute Tox. 4	3.1/4/Oral	Acute toxicity (oral), Category 4
Asp. Tox. 1	3.10/1	Aspiration hazard, Category 1
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
STOT SE 2	3.8/2	Specific target organ toxicity - single exposure, Category 2
STOT SE 3	3.8/3	Specific target organ toxicity - single exposure, Category 3
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
Aquatic Chronic 4	4.1/C4	Chronic (long term) aquatic hazard, category 4

No Chemical Safety Assessment has been carried out for the mixture.
This safety data sheet has been completely updated in compliance to Regulation 2015/830.
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
Skin Irrit. 2, H315	Calculation method
Eye Irrit. 2, H319	Calculation method

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Skin Sens. 1B, H317	Calculation method
Aquatic Chronic 3, H412	Calculation method

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, 18/12/2020

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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: FGR-1077 (website: www.iss.it - company code 12546920153)

PRODUCT CHARACTERISTIC (*)

Appearance: liquid clearless
Colour: from colourless to pale
Odour: characteristic
Flash point: >60 °C
Autoignition temperature: N.A.
Relative density: 0.992 - 1.012 (D20/20)
Refraction index: 1.445 - 1.465 (20°C)
Solubility: water
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.

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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Data: Opera(MI) - Italy, 18/12/2020

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MOJITO

Creative Flavours & Fragrances S.p.A.

SAFETY EVALUATION DATA FOR THE FRAGRANCE

ALLERGENI (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
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	1.440	1.440
Citronellol	106-22-9	0.000	0.005	0.005
Coumarin	91-64-5	0.000	0.020	0.020
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	1.229	1.229
Linalool	78-70-6	0.000	0.003	0.003
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.

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Opera(MI) - Data: 18/12/2020