

SAFETY DATA SHEET

In accordance with Regulation EC No. 878/2020

Product COTTON FLOWER IPO-N 25457/C

Version: 3

SECTION 1. Identification of the substance or the mixture and of the supplier

1.1 Product Identifier

Product identifier: COTTON FLOWER IPO-N 25457/C(Contains:(2Z)-3,7-dimethylocta-2,6-dien-1-ol, 3,7-Dimethyl-1,6-nonadien-3-ol, 3,7-dimethyloctan-3-ol)

Other identifiers: None

Unique Formula Identifier (UFI): UMG8-N2RV-H002-55RJ

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

Product uses: Fragrances

Uses advised against: Flavours

1.3 Details of the supplier of the safety data sheet

Company name: I. D. Flavours & Fragrances Industries S.p.A.

Company name: Proreuse srls

Company address: via Torino 30,
10070 Vallo Torinese, Italia

Contact: Regulatory Office

E-Mail address: proreuse1622@gmail.com

Company phone: 3711998531

Firenze - Tel. 0557947819

Foggia - Tel. 800183459

Milano - Tel. 0266101029

Napoli - Tel. 0815453333

Pavia - Tel. 038224444

Roma - Tel. 0668593726

Roma - Tel. 063054343

Roma - Tel. 0649978000

Verona - Tel. 800011858

SECTION 2. Hazards identification

2.1 Classification of the substance or mixture

Classification under Regulation (EC) No 1272/2008

Class and category of danger: Skin Corrosion / Irritation Category 2
Eye Damage / Irritation Category 2
Sensitization - Skin Category 1
H315, Causes skin irritation.
H317, May cause an allergic skin reaction.

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H319, Causes serious eye irritation.

2.2 Label elements

Classification under Regulation (EC) No 1272/2008

Signal word: Warning

Hazard statements: H315, Causes skin irritation.
H317, May cause an allergic skin reaction.
H319, Causes serious eye irritation.

Supplemental Information: EUH208, Contains 2,4-dimethylcyclohex-3-ene-1-carbaldehyde, 3-p-cumenyl-2-methylpropionaldehyde, Neryl acetate, p-tert-Butyldihydrocinnamaldehyde. May produce an allergic reaction.

Precautionary statements: P261, Avoid breathing vapour or dust.
P264, Wash hands and other contacted skin thoroughly after handling.
P272, Contaminated work clothing should not be allowed out of the workplace.
P280, Wear protective gloves/eye protection/face protection.
P302/352, IF ON SKIN: Wash with plenty of soap and water.
P305/351/338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333/313, If skin irritation or rash occurs: Get medical advice/attention.
P337/313, If eye irritation persists: Get medical advice/attention.
P362, Take off contaminated clothing and wash before reuse.
P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

Pictograms:



2.3 Other hazards

Other hazards: Sensitisers declared on a CLP Hazard Label: 2,4-dimethylcyclohex-3-ene-1-carbaldehyde, 3-p-cumenyl-2-methylpropionaldehyde, Neryl acetate, p-tert-Butyldihydrocinnamaldehyde

Hydrocarbon Concentration %: 0.0000%

Sensitisers declared on a GB GHS Hazard Label: 2,4-dimethylcyclohex-3-ene-1-carbaldehyde, 3-p-cumenyl-2-methylpropionaldehyde, Neryl acetate, p-tert-Butyldihydrocinnamaldehyde

Not Endocrine Disruptor with Human Health or Environmental effects

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Substance does not meet the criteria for PBT or vPvB according to Regulation (EC) No 17 1207/2006, Annex XIII.

Substance does not meet the criteria for Endocrine Disruptor according to Regulation (EU) 2017/2100 3 or Regulation (EU) 2018/605 4.

SECTION 3. Composition / information on ingredients

3.2 Mixtures

Contains:

Name	CAS	CE	REACH Registration No.	%	Classification for (CLP) 1272/2008	Specific Conc. Limits, M-factors and ATEs
3,7-Dimethyl-1,6-nonadien-3-ol	10339-55-6	233-732-6	01-2119969272-32-XXXX	5-<10%	Skin Irrit. 2-Eye Irrit. 2-Skin Sens. 1;H315-H317-H319,-	dermal: ATE = 5000.01 mg/kg bw-oral: ATE = 5283 mg/kg bw
Phenylethyl alcohol	60-12-8	200-456-2	01-2119963921-31-XXXX	1-<5%	Acute Tox. 4-Eye Irrit. 2;H302-H319,-	dermal: ATE = 2535 mg/kg bw-oral: ATE = 1610 mg/kg bw
3,7-dimethyloctan-3-ol	78-69-3	201-133-9	01-2119454788-21-XXXX	1-<5%	Skin Irrit. 2-Eye Irrit. 2-Skin Sens. 1B;H315-H317-H319,-	dermal: ATE = 5000.01 mg/kg bw-oral: ATE = 8270 mg/kg bw
2,6-Dimethyl-7-octen-2-ol	18479-58-8	242-362-4	01-2119457274-37-XXXX	1-<5%	Skin Irrit. 2-Eye Irrit. 2-STOT SE 3;H315-H319-H336,-	dermal: ATE = 5000.01 mg/kg bw-oral: ATE = 4100 mg/kg bw
[(E)-hex-3-enyl] 2-hydroxybenzoate	65405-77-8	265-745-8	01-2119987320-37-XXXX	1-<5%	Aquatic Acute 1;H400,-	dermal: ATE = 2000.01 mg/kg bw-oral: ATE = 3031 mg/kg bw
2-tert-Butylcyclohexyl acetate	20298-69-5, 88-41-5	243-718-1	01-2119970713-33-XXXX	1-<5%	Aquatic Chronic 2; H411,-	dermal: ATE = 5000.01 mg/kg bw-oral: ATE = 4600 mg/kg bw
(2Z)-3,7-dimethylocta-2,6-dien-1-ol	106-25-2	203-378-7	01-2119983244-33-XXXX	1-<5%	Skin Irrit. 2-Eye Irrit. 2-Skin Sens. 1;H315-H317-H319,-	dermal: ATE = 5000.01 mg/kg bw-oral: ATE = 4500 mg/kg bw
Neryl acetate	141-12-8	205-459-2	01-2120748334-54-XXXX	0.1-<1%	Skin Sens. 1B;H317,-	dermal: ATE = 5000.01 mg/kg bw-oral: ATE = 2000.01 mg/kg bw
3-p-cumenyl-2-methylpropionaldehyde	103-95-7	203-161-7	01-2119970582-32-XXXX	0.1-<1%	Skin Irrit. 2-Skin Sens. 1B-Repr. 2-Aquatic Chronic 3;H315-H317-H361-H412,-	dermal: ATE = 5000.01 mg/kg bw-oral: ATE = 2000.01 mg/kg bw
p-tert-Butyldihydrocinnamaldehyde	18127-01-0	242-016-2	01-2119983533-30-XXXX	0.1-<1%	Skin Irrit. 2-Skin Sens. 1-Repr. 2-STOT RE 2-Aquatic Chronic 3; H315-H317-H361-H373-H412,-	dermal: ATE = 5000.01 mg/kg bw-oral: ATE = 3619 mg/kg bw
Phenethyl acetate	103-45-7	203-113-5	01-2119976340-38-XXXX	0.1-<1%	Eye Dam. 1;H318,-	dermal: ATE = 6210 mg/kg bw-oral: ATE = 5000 mg/kg bw
7-Methyl-2H-benzo-1,5-dioxepin-3(4H)-one	28940-11-6	249-320-4	01-2120734453-58-XXXX	0.1-<1%	Skin Corr. 1B-STOT SE 3;H314-H336,-	dermal: ATE = 2000.01 mg/kg bw-oral: ATE = 2000.01 mg/kg bw
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	68039-49-6, 27939-60-2	268-264-1	01-2119982384-28-XXXX	0.1-<1%	Skin Sens. 1;H317,-	dermal: ATE = 5000.01 mg/kg bw-oral: ATE = 3900 mg/kg bw

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Substances with Community workplace exposure limits:

Not Applicable

Substances that are endocrine disruptors according to Regulation (EU) 2017/2100 or Regulation (EU) 2018/605, greater than 0.1%:

Not Applicable

Substances that are persistent, bioaccumulative and toxic or very persistent and very bioaccumulative, greater than 0.1%:

Not Applicable

SECTION 4. First-aid measures

4.1 Description of first aid measures

- Inhalation:** Remove from exposure site to fresh air, keep at rest, and obtain medical attention.
- Eye exposure:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Skin exposure:** IF ON SKIN: Wash with plenty of soap and water.
- Ingestion:** Rinse mouth with water and obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

None expected, see Section 4.1 for further information.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

5.2 Special hazards arising from the substance or mixture

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

5.3 Advice for fire fighters:

In case of insufficient ventilation, wear suitable respiratory equipment.

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SECTION 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

6.2 Environmental precautions:

Keep away from drains, surface and ground water, and soil.

6.3 Methods and material for containment and cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

6.4 Reference to other sections:

Also refer to sections 8 and 13.

SECTION 7. Handling and storage

7.1 Precautions for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation Do not eat, drink or smoke when using this product.

7.2 Conditions for safe storage, including any incompatibilities:

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

7.3 Specific end use(s):

Fragrances: Use in accordance with good manufacturing and industrial hygiene practices.

SECTION 8. Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits: Not Applicable

8.2 Exposure Controls

Eye / Skin Protection

Wear protective gloves/eye protection/face protection

Respiratory Protection

Under normal conditions of use and where adequate ventilation is available to prevent build up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise

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exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c) Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7.

SECTION 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical State/Colour:	Liquido paglierino / Straw yellow liquid
Odour:	Muschiato - Floreale / Musk - Floral
Odour threshold:	Not determined
Melting point / freezing point:	Not determined
Boiling point or initial boiling point and boiling range:	> 250.0 °C
Flammability:	Not determined
Lower and upper explosion limit:	Not determined
Flash point @ 20°C:	> 61 °C
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not relevant
pH:	Not determined
Kinematic viscosity:	Not determined
Solubility:	Solubility in organic solvents Soluble in ethanol. Insoluble in water.
Partition coefficient: n-octanol/water (log value):	Not determined
Vapour pressure:	Not determined
Density and/or relative density:	> 0.8000
Relative vapour density:	Not determined
Particle characteristics:	Not determined

9.2 Other information: None available

SECTION 10. Stability and reactivity

10.1 Reactivity:

Presents no significant reactivity hazard, by itself or in contact with water.

10.2 Chemical stability:

Good stability under normal storage conditions.

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10.3 Possibility of hazardous reactions:

Not expected under normal conditions of use.

10.4 Conditions to avoid:

Avoid extreme heat.

10.5 Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

10.6 Hazardous decomposition products:

Not expected.

SECTION 11. Toxicological information

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

This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in Regulation (EC) No 1272/2008 (CLP).

Acute Toxicity:	Based on available data the classification criteria are not met.
Acute Toxicity Oral	>5000
Acute Toxicity Dermal	>5000
Acute Toxicity Inhalation	Not Available
Skin corrosion/irritation:	Skin Corrosion / Irritation Category 2
Serious eye damage/irritation:	Eye Damage / Irritation Category 2
Respiratory or skin sensitisation:	Sensitization - Skin Category 1
Germ cell mutagenicity:	Based on available data the classification criteria are not met.
Carcinogenicity:	Based on available data the classification criteria are not met.
Reproductive toxicity:	Based on available data the classification criteria are not met.
STOT-single exposure:	Based on available data the classification criteria are not met.
STOT-repeated exposure:	Based on available data the classification criteria are not met.
Aspiration hazard:	Based on available data the classification criteria are not met.

Information about hazardous ingredients in the mixture

Name	CAS	CE	LD50/ATE Oral	LD50/ATE Dermal	LC50/ATE Inhalation	LC50 Route
Phenylethyl alcohol	60-12-8	200-456-2	1610	2535		

Refer to Sections 2 and 3 for additional information.

11.2 Information on other hazards

Not Applicable

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SECTION 12. Ecological information

12.1 Toxicity: Not available

12.2 Persistence and degradability: Not available

12.3 Bioaccumulative potential: Not available

12.4 Mobility in soil: Not available

12.5 Results of PBT and vPvB assessment:

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

12.6 Endocrine disrupting properties: Not Applicable

12.7 Other adverse effects: Not available

SECTION 13. Disposal considerations

13.1 Waste treatment methods:

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14. Transport information

	14.1 UN number:	14.2 UN Proper Shipping Name:	14.3 Transport hazard class (es):	Sub Risk:	14.4. Packing Group:
UN Model Regulations	Not classified	-	-	-	-
IMDG	Not classified	-	-	-	-
ADR,RID,ADN	Not classified	-	-	-	-
ICAO TI	Not classified	-	-	-	-

14.5 Environmental hazards: Not environmentally hazardous for transport

14.6 Special precautions for user: None additional

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not classified

SECTION 15. Regulatory information

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

Water Hazard Class (WGK): 1

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

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SECTION 16. Other information

Concentration % Limits: SCI 2=69.93% EDI 2=54.05% SS 1(CLP)=16.39%

Total Fractional Values: SCI 2=1.43 EDI 2=1.85 SS 1(CLP)=6.10

Key to revisions:

Concentration % Limits

Hazardous Ingredients disclosed in a CLP Safety Data Sheet with banded concentrations

Information about hazardous ingredients in the mixture

Total Fractional Values

Key to abbreviations:

Abbreviation	Meaning
Acute Tox. 4	Acute Toxicity - Oral Category 4
Aquatic Acute 1	Hazardous to the Aquatic Environment - Acute Hazard Category 1
Aquatic Chronic 2	Hazardous to the Aquatic Environment - Long-term Hazard Category 2
Aquatic Chronic 3	Hazardous to the Aquatic Environment - Long-term Hazard Category 3
Eye Dam. 1	Eye Damage / Irritation Category 1
Eye Irrit. 2	Eye Damage / Irritation Category 2
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H361	Suspected of damaging fertility or the unborn child (exposure route).
H373	May cause damage to organs (organs) through prolonged or repeated exposure (exposure route).
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
Not Class.	Not classified according to GHS
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P260	Do not breathe vapour or dust.
P261	Avoid breathing vapour or dust.
P264	Wash hands and other contacted skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.

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P280	Wear protective gloves/eye protection/face protection.
P301/312	IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.
P301/330/331	If swallowed: Rinse mouth. Do not induce vomiting.
P302/352	IF ON SKIN: Wash with plenty of soap and water.
P303/361/353	IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P304/340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308/313	IF exposed or concerned: Get medical advice/attention.
P310	Immediately call a POISON CENTER or doctor/physician.
P312	Call a POISON CENTRE or doctor/physician if you feel unwell.
P314	Get medical advice/attention if you feel unwell.
P330	Rinse mouth.
P332/313	If skin irritation occurs: Get medical advice/attention.
P333/313	If skin irritation or rash occurs: Get medical advice/attention.
P337/313	If eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.
P403/233	Store in a well-ventilated place. Keep container tightly closed.
P403/233/235	Store in a well-ventilated place. Keep container tightly closed. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.
Repr. 2	Toxic to Reproduction Category 2
STOT RE 2	Specific Target Organ Toxicity (Repeated Exposure) Category 2
STOT SE 3	Specific Target Organ Toxicity (Single Exposure) Category 3
Skin Corr. 1B	Skin Corrosion / Irritation Category 1B
Skin Irrit. 2	Skin Corrosion / Irritation Category 2
Skin Sens. 1	Sensitization - Skin Category 1
Skin Sens. 1B	Sensitization - Skin Category 1B

Recommended restriction of use by the manufacturer:

FOR INDUSTRIAL USE ONLY - NOT IS A PRODUCT FOR RETAIL SALE.

The data are based on our current knowledge and experience and describe the product in terms of safety; the data do not represent a guarantee for any specific product features and will not establish a legal contractual relationship. Therefore, the manufacturer assumes no liability arising from irresponsible, improper or illegal, direct or indirect, damages of any kind, in reference to the product sampled or sold.

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