



## SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 453/2010)

### **SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

#### **1.1. Product identifier**

Product name: NUANCE NEW

Product code: 14893D.

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

#### **1.3. Details of the supplier of the safety data sheet**

Registered company name: FLORESSENCE.

Address: Z.I DE LA FESTRE SUD .06535.ST CEZAIRE SUR SIAGNE.FRANCE.

Telephone: 04 93 40 59 60. Fax: 04 93 40 59 69.

danielle.maniquant@elixens.com

www.elixens.com

Appel d'Urgence: +33 (0) 2 98 33 10 10 UTMD001

#### **1.4. Emergency telephone number : +33 (0) 1 45 42 59 59.**

Association/Organisation: INRS .

### **SECTION 2: HAZARDS IDENTIFICATION**

#### **2.1. Classification of the substance or mixture**

##### **In compliance with EC regulation No. 1272/2008 and its amendments.**

Skin irritation, Category 2.

Skin sensitisation, Category 1.

Reproductive toxicity, Category 2.

Hazardous to the aquatic environment - Chronic hazard, Category 2.

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

##### **In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.**

Possibility of skin sensitisation. The mixture may also irritate the skin and prolonged contact may aggravate this effect.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

#### **2.2. Label elements**

##### **In compliance with EC regulation No. 1272/2008 and its amendments.**

Hazard pictograms:



GHS07



GHS09



GHS08

Signal Word:

WARNING

Product identifiers:

EC 201-289-8

601-029-007A

P-TERT-BUTYL-ALPHA-METHYLHYDROCINNAMIC ALDEHYDE (LILIAL)

(R)-P-MENTHA-1,8-DIENE

Hazard statements:

H315

Causes skin irritation.

H317

May cause an allergic skin reaction.

H361f

Suspected of damaging fertility.

- H411 Toxic to aquatic life with long lasting effects.
- Precautionary statements - Prevention:
- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.
- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
- P264 Wash ... thoroughly after handling.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P273 Avoid release to the environment.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P281 Use personal protective equipment as required.
- Precautionary statements - Response:
- P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
- P308 + P313 IF exposed or concerned: Get medical advice/attention.
- P321 Specific treatment (see ... on this label).
- P332 + P313 If skin irritation occurs: Get medical advice/attention.
- P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.
- P362 Take off contaminated clothing and wash before reuse.
- P363 Wash contaminated clothing before reuse.
- P391 Collect spillage.
- Precautionary statements - Storage:
- P405 Store locked up.
- Precautionary statements - Disposal:
- P501 Dispose of contents/container to ...

**In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.**

Hazard symbols:



Irritant



Dangerous for the environment

Contains:

601-029-00-7  
EC 201-289-8

(R)-P-MENTHA-1,8-DIENE  
P-TERT-BUTYL-ALPHA-METHYLHYDROCINNAMIC ALDEHYDE (LILIAL)

Risk phrase:

R 51/53

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R 43

May cause sensitisation by skin contact.

Safety phrase:

S 24

Avoid contact with skin.

S 37

Wear suitable gloves.

S 61

Avoid release to the environment. Refer to special instructions/Safety data sheets.

S 60

This material and its container must be disposed of as hazardous waste.

S 57

Use appropriate container to avoid environmental contamination.

**2.3. Other hazards**

No data available.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**3.1. Substances**

No substances fulfil the criteria set forth in annexe II section A of the REACH regulation (EC) n° 1907/2006.

**3.2. Mixtures**

**Composition :**

Identification	Name	Classification	%
CAS: 84-66-2 EC: 201-550-6	DIETHYL PHTHALATE	GHS06, Dgr H:331	25 <= x % < 50

CAS: 54464-57-2 EC: 259-174-3	OTNE [1-(1,2,3,4,5,6,7,8-OCTAHYDRO-2,3,8,8-TETRAMETHYL-2-NAPHTALENYL)-E THANONE	GHS09, Wng N H:411 R: 51/53	10 <= x % < 25
CAS: 80-54-6 EC: 201-289-8	P-TERT-BUTYL-ALPHA-METHYLHYD ROCINNAMIC ALDEHYDE (LILIAL)	GHS07, GHS08, GHS09, Wng Xn,N H:302-315-320-317-361-411 R: 43-51/53-62.F3-38-22	2.5 <= x % < 10
CAS: 105-95-3 EC: 203-347-8	ETHYLENE BRASSYLATE	GHS09, Wng N H:411 R: 51/53	2.5 <= x % < 10
INDEX: 603-212-00-7 CAS: 1222-05-5 EC: 214-946-9	1,3,4,6,7,8-HEXAHYDRO- 4,6,6,7,8,8-HEXAMETHYL- INDENO[5,6-C]PYRAN	GHS09, Wng N H:410 R: 50/53	2.5 <= x % < 10
CAS: 78-70-6 EC: 201-134-4	LINALOOL	GHS02, GHS07, Wng Xi H:226-315 R: 38	2.5 <= x % < 10
INDEX: 601-029-00-7 CAS: 5989-27-5 EC: 227-813-5	(R)-P-MENTHA-1,8-DIENE	GHS02, GHS07, GHS09, Wng Xi,N H:226-315-317-410 R: 10-38-43-50/53	2.5 <= x % < 10
INDEX: 603-101-00-3 EC: 405-040-6	TETRAHYDRO-2-ISOBUTYL-4-METH YLPYRAN-4-OL, MIXED ISOMERS (CIS AND TRANS)	GHS07, Wng Xi H:319 R: 36	1 <= x % < 2.5
CAS: 28219-61-6 EC: 248-908-8	2-ETHYL-4-(2,2,3-TRIMETHYL-3-CYC LOPENTEN-1-YL)-2-BUTEN-1-OL	GHS07, GHS09, Wng Xi,N H:315-319-410 R: 38-50/53	1 <= x % < 2.5

#### **SECTION 4: FIRST AID MEASURES**

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing in an unconscious person.

##### **4.1. Description of first aid measures**

###### **In the event of splashes or contact with eyes:**

Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open.

###### **In the event of splashes or contact with skin:**

Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner.

Watch out for any remaining product between skin and clothing, watches, shoes, etc.

In the event of an allergic reaction, seek medical attention.

If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital

###### **In the event of swallowing:**

Do not give the patient anything orally.

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.

Keep the person exposed at rest. Do not force vomiting.

Seek medical attention immediately, showing the label.

If swallowed accidentally, call a doctor to ascertain whether observation and hospital care will be necessary. Show the label.

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

No data available.

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

#### **SECTION 5: FIREFIGHTING MEASURES**

Non-flammable.

#### **5.1. Extinguishing media**

In the event of fire, use specifically suitable extinguishing agents. Never use water.

#### **Suitable methods of extinction**

In the event of a fire, use:

- sprayed water or water mist

#### **Unsuitable methods of extinction**

In the event of a fire, do not use:

- water
- water jet

#### **5.2. Special hazards arising from the substance or mixture**

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed:

- carbon monoxide (CO)
- carbon dioxide (CO<sub>2</sub>)

#### **5.3. Advice for firefighters**

No data available.

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### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

#### **6.1. Personal precautions, protective equipment and emergency procedures**

Consult the safety measures listed under headings 7 and 8.

##### **For non fire-fighters**

Avoid any contact with the skin and eyes.

##### **For fire-fighters**

Fire-fighters will be equipped with suitable personal protective equipment (See section 8).

#### **6.2. Environmental precautions**

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

#### **6.3. Methods and material for containment and cleaning up**

Clean preferably with a detergent, do not use solvents.

#### **6.4. Reference to other sections**

No data available.

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### **SECTION 7: HANDLING AND STORAGE**

Requirements relating to storage premises apply to all facilities where the mixture is handled.

Individuals with a history of skin sensitisation should not, under any circumstance, handle this mixture.

Avoid exposure to pregnant women and warn women of child-bearing age of the possible risks

#### **7.1. Precautions for safe handling**

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

Ensure that there is adequate ventilation, especially in confined areas.

##### **Fire prevention:**

Handle in well-ventilated areas.

Prevent access by unauthorised personnel.

##### **Recommended equipment and procedures:**

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations

Never pour water into this mixture.

Avoid exposure - obtain special instructions before use.

Packages which have been opened must be reclosed carefully and stored in an upright position

**Prohibited equipment and procedures:**

No smoking, eating or drinking in areas where the mixture is used.

**7.2. Conditions for safe storage, including any incompatibilities**

No data available.

**Storage**

The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.

**Packaging**

Always keep in packaging made of an identical material to the original

**7.3. Specific end use(s)**

No data available.

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**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1. Control parameters**

**Occupational exposure limits:**

- France (INRS - ED984:2007 and French Order of 30/06/2004):

CAS	VME-ppm:	VME-mg/m3:	VLE-ppm:	VLE-mg/m3:	Notes:	TMP No.:
84-66-2	-	5	-	-	-	-

**8.2. Exposure controls**

**Personal protection measures, such as personal protective equipment**

Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

**- Eye / face protection**

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles in accordance with standard EN166.

**- Hand protection**

Protective creams may be used for exposed skin, but they should not be applied after contact with the product.

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.

Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question: other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Type of gloves recommended :

- Butyl Rubber (Isobutylene-isoprene copolymer)

Recommended properties:

- Impervious gloves in accordance with standard EN374

**- Body protection**

Avoid skin contact.

Wear suitable protective clothing

Suitable type of protective clothing:

In the event of substantial spatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN14605 to prevent skin contact.

In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034 to prevent skin contact.

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**9.1. Information on basic physical and chemical properties**

**General information:**

Physical state:

fluid liquid

**Important health, safety and environmental information:**

PH of the substance or preparation:	not relevant.
The pH is impossible to measure or its value is not relevant.	
Boiling point/boiling range:	not relevant.
Flash Point Interval:	60°C < PE <= 93°C
Vapour pressure:	not relevant.
Density:	not stated.
Water solubility:	Insoluble.
Melting point/melting range:	not relevant.
Self-ignition temperature:	not relevant.
Decomposition point/decomposition range :	not relevant.

**9.2. Other information**

No data available.

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**SECTION 10: STABILITY AND REACTIVITY**

**10.1. Reactivity**

No data available.

**10.2. Chemical stability**

This mixture is stable under the recommended handling and storage conditions in section 7.

**10.3. Possibility of hazardous reactions**

When exposed to high temperatures, the mixture can release hazardous decomposition products, such as carbon monoxide and dioxide, fumes and nitrogen oxide.

**10.4. Conditions to avoid**

Avoid:

- humidity

Protect from moisture. Reaction with water can cause an exothermic reaction.

**10.5. Incompatible materials**

Keep away from:

- water

**10.6. Hazardous decomposition products**

The thermal decomposition may release/form:

- carbon monoxide (CO)

- carbon dioxide (CO<sub>2</sub>)

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**SECTION 11: TOXICOLOGICAL INFORMATION**

**11.1. Information on toxicological effects**

Exposure to vapours from solvents in the mixture in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system.

Symptoms produced will include headaches, numbness, dizziness, fatigue, muscular asthenia and, in extreme cases, loss of consciousness.

May cause irreversible damage to the skin; namely inflammation of the skin or the formation of erythema and eschar or oedema following exposure up to four hours.

Repeated or prolonged contact with the mixture may cause removal of natural oil from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

Splashes in the eyes may cause irritation and reversible damage

May cause an allergic reaction by skin contact.

Suspected human reproductive toxicant.

Suspected of damaging fertility.

**Mixture**

No toxicological data available for the mixture.

**Skin corrosion/skin irritation:**

Irritation: Causes skin irritation.

**Respiratory or skin sensitisation:**

May cause an allergic skin reaction.

**Monographie(s) du CIRC (Centre International de Recherche sur le Cancer) :**

CAS 5989-27-5 : CIRC Groupe 3 : L'agent est inclassable quant à sa cancérogénicité pour l'homme.

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**SECTION 12: ECOLOGICAL INFORMATION**

Toxic to aquatic life with long lasting effects.

The product must not be allowed to run into drains or waterways.

**12.1. Toxicity**

**Substances**

No aquatic toxicity data available for the substances.

**Mixtures**

No aquatic toxicity data available for the mixture.

**12.2. Persistence and degradability**

No data available.

**12.3. Bioaccumulative potential**

No data available.

**12.4. Mobility in soil**

No data available.

**12.5. Results of PBT and vPvB assessment**

No data available.

**12.6. Other adverse effects**

No data available.

**German regulations concerning the classification of hazards for water (WGK):**

WGK 3 (VwVwS vom 27/07/2005, KBws): Extremely hazardous for water.

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**SECTION 13: DISPOSAL CONSIDERATIONS**

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

**13.1. Waste treatment methods**

Do not pour into drains or waterways.

**Waste:**

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

**Soiled packaging:**

Empty container completely. Keep label(s) on container.

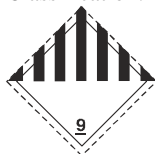
Give to a certified disposal contractor.

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**SECTION 14: TRANSPORT INFORMATION**

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2009 - IMDG 2008 - ICAO/IATA 2009).

Classification:



Pollutants to the aquatic environment:



UN3082=ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(otne [1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphtaleny)-ethanone])

ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ	Provis.	EQ	Cat.	Tunnel
	9	M6	III	9	90	LQ7	274 335 601	E1	3	E

IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.	EQ
	9	-	III	5 L	F-A,S-F	179 274 335 909	E1

IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo	note	EQ
	9	-	III	914	450 L	914	450 L	A97 A158	E1
	9	-	III	Y914	30 kg G	-	-	A97 A158	E1

## **SECTION 15: REGULATORY INFORMATION**

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

#### **- Particular provisions:**

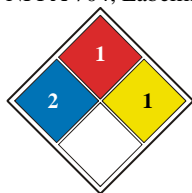
No data available.

#### **- German regulations concerning the classification of hazards for water (WGK):**

Germany: WGK 3 (VwVwS vom 27/07/2005, KBws)

#### **- Standardised American system for the identification of hazards presented by the product in view of emergency procedures (NFPA 704):**

NFPA 704, Labelling: Health=2 Inflammability=1 Instability/Reactivity=1 Specific Risk=none



### **15.2. Chemical safety assessment**

No data available.

## **SECTION 16: OTHER INFORMATION**

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

#### **Title for H, EUH and R indications mentioned in section 3:**

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H361	Suspected of damaging fertility or the unborn child .
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
R 10	Flammable.
R 22	Harmful if swallowed.
R 36	Irritating to eyes.
R 38	Irritating to skin.
R 43	May cause sensitisation by skin contact.
R 50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.



R 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R 62.F3 Possible risk of impaired fertility.

**Abbreviations:**

ADR: European agreement concerning the international carriage of dangerous goods by Road.

IMDG: International Maritime Dangerous Goods.

IATA: International Air Transport Association.

ICAO: International Civil Aviation Organisation

RID: Regulations concerning the International carriage of Dangerous goods by rail.

WGK: Wassergefährdungsklasse (Water Hazard Class).