

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 17.10.2016

Version number 1

Revision: 17.10.2016

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

· **1.1 Product identifier**

· **Trade name:** *edp la route d'émeraude*

· **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
*No further relevant information available.*

· **Application of the substance / the preparation :**

*Cosmetic product according to (CE) N°1223/2009 Regulation*

· **1.3 Details of the supplier of the safety data sheet**

· **Manufacturer/Supplier:**

*PANOUGE SAS*

*12 avenue Victor Hugo*

*75116 PARIS*

*Tél : +33.(0)1 47 20 58 32*

*Fax : +33.(0)1 78 72 90 20*

*info@panouge.com*

· **1.4 Emergency telephone number:**

*France (INRS 24h/24) - Tel : +33 (0)1 45 42 59 59*

*Ireland - Tel : 00 353 1 8092568 - 00 353 1 8379964 (24h/24) EU Tel: 112*

*Belgique - Tel : 32 070/245 245*

*UK : +44 (0)-870-190-6777 (CARECHEM24)*

### SECTION 2: Hazards identification

· **2.1 Classification of the substance or mixture**

· **Classification according to Regulation (EC) No 1272/2008 :**



GHS02

*Flam. Liq. 2 H225 Highly flammable liquid and vapour.*



GHS09

*Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.*



GHS07

*Eye Irrit. 2 H319 Causes serious eye irritation.*

· **2.2 Label elements**

· **Labelling according to Regulation (EC) No 1272/2008**

*The product is classified and labelled according to the CLP regulation.*

· **Hazard pictograms**



GHS02

GHS07

GHS09

· **Signal word** *Danger*

· **Hazard statements**

*H225 Highly flammable liquid and vapour.*

*H319 Causes serious eye irritation.*

*H411 Toxic to aquatic life with long lasting effects.*

· **Precautionary statements**

*P102 Keep out of reach of children.*

*P273 Avoid release to the environment.*

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- P210 *Keep away from heat/sparks/open flames/hot surfaces. No smoking.*  
 P305+P351+P338 *IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.*  
 P403+P235 *Store in a well-ventilated place. Keep cool.*  
 P501 *Dispose of contents/container in accordance with local/regional/national/international regulations.*

· **Additional information:**

EUH208 *Contains Benzyl salicylate, linalool,  $\alpha$ -hexylcinnamaldehyde, Amberonne, 2-(4-tert-Butylbenzyl) propionaldehyde, Citronellol, Hydroxy-citronellal, Iraldeine gamma, dipentene, 5-cyclopentadecen-1-one, 3-methyl-. May produce an allergic reaction.*

· **Labelling of packages where the contents do not exceed 125 ml**

· **Hazard pictograms**



GHS02    GHS07    GHS09

· **Signal word** *Danger*

· **Hazard statements** *Not classified as hazardous*

· **Precautionary statements**

- P102 *Keep out of reach of children.*  
 P273 *Avoid release to the environment.*  
 P210 *Keep away from heat/sparks/open flames/hot surfaces. No smoking.*  
 P305+P351+P338 *IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.*

· **Regulation (EC) No 1223/2009 on cosmetic products**

*Contains alkali.*

· **2.3 Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** *Not applicable.*

· **vPvB:** *Not applicable.*

### SECTION 3: Composition/information on ingredients

· **3.2 Chemical characterisation: Mixtures**

· **Description:** *Mixture: consisting of the following components.*

· **Dangerous components:**

CAS: 64-17-5 EINECS: 200-578-6 Index number: 603-002-00-5 RTECS: KQ 6300000 Reg.nr.: 01-2119457610-43-xxxx	ethanol Flam. Liq. 2, H225; Eye Irrit. 2, H319	50-100%
CAS: 118-58-1 EINECS: 204-262-9	Benzyl salicylate Aquatic Chronic 2, H411; Skin Sens. 1, H317	<5%
CAS: 1222-05-5 EINECS: 214-946-9 Index number: 603-212-00-7 Reg.nr.: 01-2119488227-29-xxxx	1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran Aquatic Acute 1, H400; Aquatic Chronic 1, H410	≤2.5%
CAS: 78-70-6 EINECS: 201-134-4 RTECS:	linalool Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317	<1%

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CAS: 101-86-0 EINECS: 202-983-3 Reg.nr.: 01-2119533092-50	$\alpha$ -hexylcinnamaldehyde Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Sens. 1, H317	<1%
CAS: 54464-57-2 EINECS: 259-174-3 Reg.nr.: 01-2119489989-04-xxxx	Amberonne Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Skin Sens. 1, H317	<1%
CAS: 80-54-6 EINECS: 201-289-8 Reg.nr.: 01-2119485965-18-xxxx	2-(4-tert-Butylbenzyl)propionaldehyde Repr. 2, H361; Aquatic Chronic 2, H411; Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317	<1%
CAS: 106-22-9 EINECS: 203-375-0 RTECS: RH 3400000 Reg.nr.: 01-2119453995-23-xxxx	Citronellol Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Skin Sens. 1, H317	<0.5%
CAS: 107-75-5 EINECS: 203-518-7 RTECS: RG 7850000 Reg.nr.: 01-2119973482-31	Hydroxy-citronellal Eye Irrit. 2, H319; Skin Sens. 1, H317	<0.5%
CAS: 127-51-5 EINECS: 204-846-3 Reg.nr.: 01-2119471851-35-xxxx	Iraldeine gamma Aquatic Chronic 2, H411; Skin Sens. 1, H317	<0.5%
CAS: 138-86-3 EINECS: 205-341-0 Index number: 601-029-00-7 RTECS: OS 8100000	dipentene Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Chronic 1, H410; Skin Irrit. 2, H315; Skin Sens. 1, H317	<0.5%
CAS: 63314-79-4 ELINCS: 429-900-5 Reg.nr.: 01-0000017618-62-xxxx	5-cyclopentadecen-1-one, 3-methyl- Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Sens. 1, H317	<0.5%

· SVHC No

· **Additional information:** For the wording of the listed risk phrases, refer to section 16.**SECTION 4: First aid measures**· **4.1 Description of first aid measures**· **After excessive inhalation:**

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient in a stable laying down side position for transportation.

· **After skin contact:** Immediately wash with water and soap and rinse thoroughly.· **After eye contact:** Rinse opened eye for several minutes under running water.· **After swallowing:** Do not induce vomiting; call for medical help immediately.· **4.2 Most important symptoms and effects, both acute and delayed :**

No further relevant information available.

· **4.3 Indication of any immediate medical attention and special treatment needed :**

No further relevant information available.

**SECTION 5: Firefighting measures**· **5.1 Suitable extinguishing agents:**CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.· **5.2 Special hazards arising from the substance or mixture :** No further relevant information available.· **5.3 Advice for firefighters**· **Protective equipment:** No special measures required.

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### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures :**  
Wear protective equipment. Keep unprotected persons away.
- **6.2 Environmental precautions:**  
Inform respective authorities in case of seepage into water course or sewage system.  
Dilute with plenty of water.  
Do not allow the product to enter sewers/ surface water or ground water.
- **6.3 Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Ensure adequate ventilation.
- **6.4 Reference to other sections :**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protective equipment.  
See Section 13 for disposal information.

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling :**  
Keep receptacles tightly sealed.  
Keep away from heat and direct sunlight.  
Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols.
- **Information about fire - and explosion protection:**



Keep ignition sources away - Do not smoke.

- Protect against electrostatic charges.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
Keep container tightly sealed.  
Store in cool, dry conditions in well sealed receptacles.
- **7.3 Specific end use(s) :** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see section 7.
- **8.1 Control parameters**

· **Ingredients with limit values that require monitoring at the workplace:**

**64-17-5 ethanol (50-100%)**

WEL (Great Britain)	Long-term value: 1920 mg/m <sup>3</sup> , 1000 ppm
MAK (Switzerland)	Short-term value: 1920 mg/m <sup>3</sup> , 1000 ppm Long-term value: 960 mg/m <sup>3</sup> , 500 ppm SSc;

**56-81-5 glycerol (<0.01%)**

WEL (Great Britain)	Long-term value: 10 mg/m <sup>3</sup>
MAK (Switzerland)	Short-term value: 100 e mg/m <sup>3</sup> Long-term value: 50 e mg/m <sup>3</sup> SSc;

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- **Additional information:**  
*The most current valid lists have been used as a basis for the production of this document.*
- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
*Immediately remove all soiled and contaminated clothing*  
*Wash hands before breaks and at the end of work.*
- **Respiratory protection:** *Not required.*
- **Protection of hands:** *Not required.*
- **Gloves material :** -
- **Eye protection:** *Goggles recommended during refilling*

### SECTION 9: Physical and chemical properties

#### · 9.1 Information on basic physical and chemical properties

##### · General Information

##### · Appearance:

· <b>Form:</b>	<i>Liquid</i>
· <b>Colour:</b>	<i>Orange</i>
· <b>Odour:</b>	<i>Characteristic</i>
· <b>Odour threshold:</b>	<i>Not determined.</i>

· **pH-value at 20 °C:** *5.91*

##### · Change in condition

· <b>Melting point/Melting range:</b>	<i>Undetermined.</i>
· <b>Boiling point/Boiling range:</b>	<i>78 °C</i>

· **Flash point:** *18+/-2 °C*

· **Flammability (solid, gaseous):** *Not applicable.*

· **Ignition temperature:** *Not applicable.*

· **Decomposition temperature:** *Not determined.*

· **Self-igniting:** *Product is not self igniting.*

· **Danger of explosion:** *Product is not explosive. However, formation of explosive air/vapour mixtures are possible.*

##### · Explosion limits:

· <b>Lower:</b>	<i>Not determined.</i>
· <b>Upper:</b>	<i>Not determined.</i>

· **Vapour pressure:** *Not determined.*

· <b>Density at 20 °C:</b>	<i>0.854 g/cm<sup>3</sup></i>
· <b>Relative density :</b>	<i>Not determined.</i>
· <b>Vapour density :</b>	<i>Not determined.</i>
· <b>Evaporation rate :</b>	<i>Not determined.</i>

· **Solubility in / Miscibility with water:** *Fully miscible.*

· **Segregation coefficient (n-octanol/water):** *Not determined.*

##### · Viscosity:

· <b>Dynamic:</b>	<i>Not determined.</i>
· <b>Kinematic:</b>	<i>Not determined.</i>

##### · Solvent content:

· **COV :** *82.2 %*

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· **9.2 Other information :** *No further relevant information available.*

### SECTION 10: Stability and reactivity

- **10.1 Reactivity** *No further relevant information available.*
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** *No decomposition if used according to specifications.*
- **10.3 Possibility of hazardous reactions :** *No dangerous reactions known.*
- **10.4 Conditions to avoid :** *No further relevant information available.*
- **10.5 Incompatible materials:** *No further relevant information available.*
- **10.6 Hazardous decomposition products:** *No dangerous decomposition products known.*

### SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** *Based on available data, the classification criteria are not met.*

· **LD/LC50 values relevant for classification:**

#### 64-17-5 ethanol

Oral	LD50	7060 mg/kg (rat)
Inhalative	LC50/4 h	20000 mg/l (rat)

#### 118-58-1 Benzyl salicylate

Oral	LD50	2227 mg/kg (rat)
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#### 1222-05-5 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran

Oral	LD50	> 3000 mg/kg (rat)
Dermal	LD50	> 6500 mg/kg (rat)
		> 3250 mg/kg (rabbit)

#### 78-70-6 linalool

Oral	LD50	3000 mg/kg (mouse)
		2790 mg/kg (rat)
Dermal	LD50	5610 mg/kg (rabbit)

#### 54464-57-2 Amberonne

Oral	LD50	5000 mg/kg (rat)
Dermal	LD50	5000 mg/kg (rabbit)

#### 80-54-6 2-(4-tert-Butylbenzyl)propionaldehyde

Oral	LD50	1390 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rabbit)

#### 106-22-9 Citronellol

Oral	LD50	3450 mg/kg (rat)
Dermal	LD50	2650 mg/kg (rabbit)

#### 138-86-3 dipentene

Oral	LD50	5300 mg/kg (rat)
------	------	------------------

- **Primary irritant effect:**
- **On the skin:** *Based on available data, the classification criteria are not met.*
- **On the eyes:**  
*Causes serious eye irritation.*
- **Respiratory or skin sensitization** *Based on available data, the classification criteria are not met.*
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** *Based on available data, the classification criteria are not met.*
- **Carcinogenicity** *Based on available data, the classification criteria are not met.*

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- **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.

### SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability :** No further relevant information available.
- **12.3 Bioaccumulative potential :** No further relevant information available.
- **12.4 Mobility in soil :** No further relevant information available.
- **Ecotoxicological effects:**
- **Remark:** Toxic for fish
- **Additional ecological information:**
- **General notes:**  
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water



Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.  
Also poisonous for fish and plankton in water bodies.  
Toxic for aquatic organisms

- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects :** No further relevant information available.

### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation :**



Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

### SECTION 14: Transport information

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>· <b>14.1 UN-Number</b></li> <li>· <b>ADR, IMDG, IATA</b></li> </ul>   | <p align="center">UN1266</p>  |
| <ul style="list-style-type: none"> <li>· <b>14.2 UN proper shipping name</b></li> <li>· <b>ADR</b></li> </ul> | <p align="center">UN1266 PERFUMERY PRODUCTS,<br/>ENVIRONMENTALLY HAZARDOUS, special provision<br/>640D</p>  |
| <ul style="list-style-type: none"> <li>· <b>IMDG</b></li> </ul>   | <p>PERFUMERY PRODUCTS (Benzyl salicylate, 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran, Amberonne, <math>\alpha</math>-hexylcinnamaldehyde, 2-(4-tert-Butylbenzyl) propionaldehyde, Citronellol, Iraldeine gamma, DIPENTENE, 5-cyclopentadecen-1-one, 3-methyl-, (Z)-3-</p> |

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· IATA	hexenyl salicylate), MARINE POLLUTANT PERFUMERY PRODUCTS
· 14.3 Transport hazard class(es)	
· ADR	
	
· Class	3 (F1) Flammable liquids.
· Label	3
· IMDG	
	
· Class	3 Flammable liquids.
· Label	3
· IATA	
	
· Class	3 Flammable liquids.
· Label	3
· 14.4 Packing group	
· ADR, IMDG, IATA	II
· 14.5 Environmental hazards:	Product contains environmentally hazardous substances: 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran
· Marine pollutant:	Symbol (fish and tree)
· Special marking (ADR):	Symbol (fish and tree)
· 14.6 Special precautions for user	Warning: Flammable liquids.
· Danger code (Kemler):	33
· EMS Number:	F-E,S-D
· Stowage Category	B
· 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
· Transport/Additional information:	
· ADR	
· Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· Transport category	2
· Tunnel restriction code	D/E
· IMDG	
· Limited quantities (LQ)	1L

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· <b>Excepted quantities (EQ)</b>	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· <b>UN "Model Regulation":</b>	UN 1266 PERFUMERY PRODUCTS, SPECIAL PROVISION 640D, 3, II, ENVIRONMENTALLY HAZARDOUS

### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **Seveso category**  
E2 Hazardous to the Aquatic Environment  
P5c FLAMMABLE LIQUIDS
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 200 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t
- **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**  
H225 Highly flammable liquid and vapour.  
H226 Flammable liquid and vapour.  
H302 Harmful if swallowed.  
H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H361 Suspected of damaging fertility or the unborn child.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.  
H411 Toxic to aquatic life with long lasting effects.
- **Abbreviations and acronyms:**  
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
VOC: Volatile Organic Compounds (USA, EU)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
SVHC: Substances of Very High Concern  
vPvB: very Persistent and very Bioaccumulative  
Flam. Liq. 2: Flammable liquids – Category 2  
Flam. Liq. 3: Flammable liquids – Category 3  
Acute Tox. 4: Acute toxicity – Category 4  
Skin Irrit. 2: Skin corrosion/irritation – Category 2  
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2  
Skin Sens. 1: Skin sensitisation – Category 1  
Repr. 2: Reproductive toxicity – Category 2  
Asp. Tox. 1: Aspiration hazard – Category 1

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*Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1*  
*Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1*  
*Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2*

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