

EAU DE COLOGNE 50°

11121

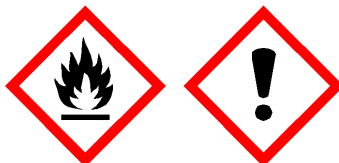


F+ : Highly flammable



3: Flammable liquids

Danger



Health : 0	No unusual hazard.
Flammability : 3	WARNING : Flammable liquid flash point below 100° F (38° C).
Reactivity : 0	Stable : Not reactive when mixed with water.
Special Notice Key : --	---

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

1.1. Product identifier

Trade name : EAU DE COLOGNE 50°
Identification of the product : Mixture.
 Liquid.

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

Sector of use category : SU21: Consumer uses: Private households (= general public = consumers)
Chemical product category : PC39: Cosmetics, personal care products

1.3. Details of the supplier of the safety data sheet

Company identification : ROVAL S.A.S.
 Le Tremblay
 Rue des Sports BP 55
 61101 FLERS FRANCE
 Tél. : +33 (0)2 33 62 17 00
 Fax.: +33 (0)2 33 66 58 70
 roval@roval.fr

1.4. Emergency telephone number

Emergency phone nr : Austria : +431 406 43 43
 Belgium : +070 245 245 (7 /7 24/24)
 Bulgaria : +359 2 9154 409
 Czech republic tel +420 224 919 293, +420 224 915 402
 Denmark : 82 12 12 12
 Estonia : tel nationally 16662, from abroad (+372) 626 93 90
 Finland : (09) 471 977 (direct) or (09) 4711 (exchange)
 France : + 33 (0)1 45 42 59 59
 Germany : 030/19240
 Hungary : +36 1 476 6464
 Ireland : 01 8092566 or 01 8379964
 Italie : 0659943733
 Lithuania : 370 5 236 20 52 ou 370 687 53 378
 Malta : 2545 0000
 Netherlands : 030-2748888
 New zealand : 0800 764 766 or 0800 611 116
 Norway : + 47 810 20 050

ROVAL S.A.S.
In case of emergency : ORFILA INRS:+33(0)1 45 42 59 59 (Office hours)

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SECTION 1 Identification of the substance/mixture and of the company/undertaking (continued)

Portugal : 808 250 143
 Romania : 021.318.36.06
 Slovakia : 421 2 5477 4166
 Spain : + 34 91 562 04 20
 Sweden : 112 ou 08-331231

SECTION 2 Hazards identification

2.1. Classification of the substance or mixture

Classification EC 67/548 or EC 1999/45

Classification : F; R11
 R52/53

Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP)

- **Physical hazards** : Flammable liquids - Category 2 - Danger - (CLP : Flam. Liq. 2) - H225
 Eye irritation - Category 2A - Warning - (CLP : Eye Irrit. 2) - H319
- **Environmental hazards** : Hazardous to the aquatic environment - Chronic hazard - Category 3 - (CLP : Aquatic Chronic 3) - H412

2.2. Label elements

Labelling EC 67/548 or EC 1999/45

Hazards identification

Highly flammable. - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Symbol(s)



R Phrase(s)

: F : Highly flammable
 : R11 : Highly flammable.
 R52/53 : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S Phrase(s)

: S2 : Keep out of the reach of children.
 S46 : If swallowed seek medical advice immediately and show this container or label.

Supplemental hazard information :

: Contient du Limonene Peut déclencher une réaction allergique. / Contains Limonene May cause an allergic reaction.

Labelling Regulation EC 1272/2008 (CLP)

• Hazard pictograms



• Hazard pictograms

: SGH02 - SGH07

• Signal words

: Danger

• Hazard statements

: H225 - Highly flammable liquid and vapour
 H319 - Causes serious eye irritation
 H412 - Harmful to aquatic life with long lasting effects

Supplemental hazard information :

: EUH208 : Contient du Limonene Peut déclencher une réaction allergique. / Contains Limonene May cause an allergic reaction.

• Precautionary statements

General

: P102 - Keep out of the reach of children.
 P101 - If medical advice is needed, have product container or label at hand.

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SECTION 2 Hazards identification (continued)

- Prevention** : P280 - Wear eye protection (safety glasses).
 P210 - Keep away from heat, sparks, open flames or hot surfaces. – No smoking.
- Response** : P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes.
 Remove contact lenses, if present and easy to do. Continue rinsing
 P337+P313 - If eye irritation persists: Get medical advice/attention
- Disposal considerations** : P501 - Dispose of contents/container in accordance with local regulation.
- 2.3. Other hazards**
- Other hazards** : None under normal conditions.

SECTION 3 Composition/information on ingredients

3.1./3.2. Substance / Preparation

Components : This product is hazardous according to regulation EC 1272/2008..

Substance name	Contents	CAS No	EC No	Annex No	REACH	Classification
ethanol	: Between 35 and 50 %	64-17-5	200-578-6	----	----	F; R11 ----- Flam. Liq. 2;H225 Eye Irrit. 2;H319
	- Rat oral LD50 [mg/kg] : 6200 - Rat inhalation LC50 [mg/l] : 124.7 / 4h 48 H-LC50 - Daphnia magna [mg/L] : 9268 < 14221 LC50-96 Hour - fish [mg/l] : 8140 Biodegradation [%] : 94 (OECD 301E) Bioaccumulative potential : FBC : 0.66					
Diethyl phthalate	: Between 0.1 and 1 %	84-66-2	201-550-6	----	----	Not classified. (DSD/DPD) ----- Not classified. (GHS)
	- Rat oral LD50 [mg/kg] : 9168 LC50-96 Hour - fish [mg/l] : 17 Persistence - degradability : Easily biodegradable.					
Limonene (D-)	: Between 0.01 and 1 %	5989-27-5	227-813-5	601-029-00-7	----	R10 Xn; R65 Xi; R38 R43 N; R50-53 ----- Asp. Tox. 1;H304 Flam. Liq. 3;H226 Skin Irrit. 2;H315 Skin Sens. 1;H317 Aquatic Acute 1;H400 Aquatic Chronic 1;H410

SECTION 4 First aid measures

4.1. Description of first aid measures

First aid measures

- Inhalation : Assure fresh air breathing.
- Skin contact : Wash skin with mild soap and water.
- Eye contact : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- Ingestion : Rinse mouth.

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

Other information : None under normal conditions.

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

Emergency medical treatment : None under normal conditions.

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SECTION 5 Firefighting measures

5.1. Extinguishing media

Extinguishing media : Powder. Alcohol foam. Carbon dioxide. Large quantity of water.

5.2. Special hazards arising from the substance or mixture

Specific hazards : Avoid (reject) fire-fighting water to enter environment.

5.3. Advice for firefighters

Flammable class : This product is flammable.

Protection against fire : Do not enter fire area without proper protective equipment, including respiratory protection.

Prevention : No naked lights. No smoking.

Special procedures : Exercise caution when fighting any chemical fire.

Surrounding fires : Use water spray or fog for cooling exposed containers.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions : Spill should be handled by trained cleaning personnel properly equipped with respiratory and eye protection.

6.2. Environmental precautions

Environmental precautions : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Clean up methods : Dike for recovery or absorb with appropriate material. Dilute residues and flush.

6.4. Reference to other sections

Refer to sections 8 and 13.

SECTION 7 Handling and storage

7.1. Precautions for safe handling

General : Store and handle as though always a serious potential fire/explosion and health hazard exists.

Handling : Handle empty containers with care because residual vapours are flammable. Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

Technical protective measures : Do not use compressed air to either agitate or transfer the contents of storage containers (tanks) / shipping drums containing this material.

Precautions in handling and storage : Keep away from sources of ignition - No smoking.
No naked lights. No smoking.

7.2. Conditions for safe storage, including any incompatibilities

Storage : Store in dry, cool, well-ventilated area. Keep container closed when not in use.
Keep in fireproof place.

Storage - away from : Sparks.

7.3. Specific end use(s)

Not applicable.

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SECTION 8 Exposure controls/personal protection
Occupational Exposure Limits
8.1. Control parameters

ethanol : OEL (UK)-LTEL [ppm] : 1000
 ethanol : VLA-ED [ppm] : 1000
 ethanol : VLA-ED [mg/m³] : 1910
 ethanol : NGV - [ppm] : 500
 ethanol : NGV - [mg/m³] : 1000
 ethanol : KTV - [ppm] : 1000
 ethanol : KTV - [mg/m³] : 1000
 ethanol : HTP-värden - 8 H - [ppm] : 1000
 ethanol : HTP-värden - 8 H - [mg/m³] : 1900
 ethanol : HTP-värden - 15min - [ppm] : 1300
 ethanol : HTP-värden - 15min - [mg/m³] : 2500
 Diethyl phthalate : HTP-värden - 8 H - [mg/m³] : 5
 Diethyl phthalate : HTP-värden - 15min - [mg/m³] : 10
 Diethyl phthalate : NGV - [mg/m³] : 3
 Diethyl phthalate : KTV - [mg/m³] : 5
 Diethyl phthalate : VLA-ED [mg/m³] : 5
 Diethyl phthalate : MAK (AU) Tagesmittelwert (mg/m³) : 3
 Diethyl phthalate : MAK (AU) Kurzzeitwerte (mg/m³) : 5

Personal protection

- **Respiratory protection** : Where excessive vapour or dust may result, wear approved mask.
 - **Skin protection** : No special protection required where adequate ventilation is maintained.
 - **Eye protection** : Goggles.
 - **Hand protection** : In case of repeated or prolonged contact wear gloves.
 - **Ingestion** : When using, do not eat, drink or smoke.
Industrial hygiene : Provide local exhaust or general room ventilation to minimize dust and/or vapour concentrations.

8.2. Exposure controls

Occupational Exposure Limits : see above mentioned limit exposure values

SECTION 9 Physical and chemical properties
9.1. Information on basic physical and chemical properties

Physical and chemical properties without value correspond to data not available.

9.1.a. Appearance

Physical state at 20 °C : Liquid.
Colour : Yellow.

9.1.b. Odour

Odour : Characteristic.

9.1.c. Odour threshold

Odour threshold : No data available.

9.1.d. pH

pH value : No data available.

9.1.e. Melting point / Freezing point

Melting point [°C] : No data available.

9.1.f. Initial boiling point - boiling range

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SECTION 9 Physical and chemical properties (continued)

Boiling point [°C]	: 79 (Read across on ethanol)
<u>9.1.g. Flash point</u>	
Flash point [°C]	: 21.5 Extrapolation similar mixture. EAU DE COLOGNE FRAICHE 11608/2CINTO
<u>9.1.h. Evaporation rate</u>	
Evaporation rate (ether=1)	: No data available.
<u>9.1.i. Flammability</u>	
Flammability	: No data available.
<u>9.1.j. Explosion limits (lower - upper)</u>	
Explosion limits	: No data available.
<u>9.1.k. Vapour pressure</u>	
Vapour pressure [20°C]	: No data available.
<u>9.1.l. Vapour density</u>	
Relative vapour density (air=1)	: No data available.
<u>9.1.m. Relative density</u>	
Density	: 0.930 ± 0.01
<u>9.1.n. Solubility</u>	
Solubility in water	: Miscible.
<u>9.1.o. Partition coefficient : n-octanol / water</u>	
Log P octanol / water at 20°C	: No data available.
<u>9.1.p. Auto-ignition temperature</u>	
Auto-ignition temperature [°C]	: No data available.
<u>9.1.q. Thermal decomposition</u>	
Thermal decomposition [°C]	: No data available.
<u>9.1.r. Viscosity</u>	
Viscosity	: No data available.
<u>9.1.s. Explosive Properties</u>	
Explosive Properties	: No data available.
<u>9.1.t. Oxidising properties</u>	
Oxidising properties	: No data available.

SECTION 10 Stability and reactivity

<u>10.1. Reactivity</u>	
Stability and reactivity	: No data available.
<u>10.2. Chemical stability</u>	
Thermal stability	: Stable under normal conditions.
<u>10.3. Possibility of hazardous reactions</u>	
Hazardous reactions	: (Fire/explosion hazard.) Reacts with : Oxidizing agent.
Hazardous properties	: May form flammable/explosive vapour-air mixture.
<u>10.4. Conditions to avoid</u>	
Conditions to avoid	: Overheating. Open flame.

EAU DE COLOGNE 50°**11121****SECTION 10 Stability and reactivity (continued)****10.5. Incompatible materials****Materials to avoid** : None under normal conditions.**10.6. Hazardous decomposition products****Hazardous decomposition products** : None under normal conditions.**SECTION 11 Toxicological information****11.1. Information on toxicological effects****Toxicity information****- Rat oral LD50 [mg/kg]** : No data available for the mixture.
See Section 3 for substances data.**- Rat inhalation LC50 [mg/l]** : No data available for the mixture.
See Section 3 for substances data.**Dermal irritation** : No data available.**Eyes irritation** : Causes serious eye irritation.**Chronic toxicity****- Inhalation** : No data available.**- Dermal** : No data available.**- Ocular** : No data available.**- Ingestion** : No data available.**Sensitization** : No data available.**Sources of key data used** : Refer to section 16.**SECTION 12 Ecological information****12.1. Toxicity****Toxicity information** : No data available for the mixture.
See Section 3 for substances data.**12.2. Persistence and degradability****Persistence - degradability** : No data available for the mixture.
See Section 3 for substances data.**12.3. Bioaccumulative potential****Bioaccumulative potential** : No data available for the mixture.
See Section 3 for substances data.**12.4. Mobility in soil**

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects**Ecological effects information** : Harmful to aquatic life with long lasting effects.**Sources of key data used** : Refer to section 16.

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SECTION 13 Disposal considerations

13.1. Waste treatment methods

General : Dispose in a safe manner in accordance with local/national regulations.
 Dispose of this material and its container at hazardous or special waste collection point.

SECTION 14 Transport information

14.1. UN number

General information

UN No. : 1266

14.2. UN proper shipping name

Shipping name : UN1266 PRODUITS POUR PARFUMERIE, 3, II, (D/E)

14.3. Transport hazard class(es)

Labelling ADR



: 3: Flammable liquids

Land transport

ADR/RID : Class : 3
 Group : II

H.I. nr : 33

Proper shipping name : UN1266 PRODUITS POUR PARFUMERIE, 3, II, (D/E)

- **ADR Class** : 3

- **ADR Packing group** : II
 D

Sea transport

- **IMO-IMDG code** : Class 3

- **IMO Packing group** : II

- **IMDG-Marine pollution** : No.

- **EMS-Nr** : F-E S-D

Air transport

- **ICAO/IATA** : Packaging instructions cargo : 364
 Packaging instructions passenger: 353

- **Proper shipping name** : PERFUMERY PRODUCTS

- **IATA - Class or division** : 3

- **IATA Packing group** : II

14.4. Packing group

Group : II

14.5. Environmental hazards

In case of spillage and/or leakage : Clean up even minor leaks or spills if possible without unnecessary risk.

14.6. Special precautions for user

Personal precautions : The driver shall not attempt to deal with any fire of the load.

Emergency action in case of accident : No naked lights. No smoking.
 Keep public away from danger area.
 NOTIFY POLICE AND FIRE BRIGADE IMMEDIATELY.

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SECTION 14 Transport information (continued)

Additional information : None.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Listed in annex II of Marpol convention and IBC code pour / for ethanol

SECTION 15 Regulatory information
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Ensure all national/local regulations are observed.

15.2. Chemical safety assessment

Chemical safety assessment is not required.

SECTION 16 Other information
Further information:
Training advice : Dangerous Goods transportation training is required (ADR 2013 chap 1.3)

Sources of key data used : Supplier data

Acronyms : DPD: Dangerous Preparations Directive 1999/45/EC
 DSD: Dangerous Substances Directive 67/548/EEC
 EPA: US Environmental Protection Agency
 CIR: Cosmetic Ingredient Review

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

CAS#: Chemical Abstracts Service number

CLP: Classification Labelling Packaging Regulation

ECHA: European Chemicals Agency

EINECS: European Inventory of Existing Commercial Substances

GHS: Globally Harmonized System

IATA: International Air Transport Association

IMDG: International Maritime Dangerous Goods

IUCLID: International Uniform Chemical Information Database

IUPAC: International Union for Pure Applied Chemistry

LC50: Lethal Concentration to 50 % of a test population

LD50: Lethal Dose to 50% of a test population (Median Lethal Dose)

OECD: Organization for Economic Co-operation and Development

OSHA: European Agency for Safety and Health at work

PBT: Persistent, Bioaccumulative and Toxic substance

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006

SVHC: Substances of Very High Concern

vPvB: Very Persistent and Very Bioaccumulative

List of relevant R phrases (§ 3) : R10 : Flammable.
 R11 : Highly flammable.
 R38 : Irritating to skin.
 R43 : May cause sensitization by skin contact.
 R50/53 : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
 R65 : Harmful : may cause lung damage if swallowed.

List of relevant H phrases (Section 3) : H225 - Highly flammable liquid and vapour
 H226 - Flammable liquid and vapour
 H304 - May be fatal if swallowed and enters airways
 H315 - Causes skin irritation
 H317 - May cause an allergic skin reaction

EAU DE COLOGNE 50°**11121****SECTION 16 Other information (continued)**

H319 - Causes serious eye irritation
H400 - Very toxic to aquatic life.
H410 - Very toxic to aquatic life with long lasting effects.

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Prepared by : NATURAKEM www.naturakem.fr

The contents and format of this SDS are in accordance with REGULATION (EC) No 1907/2006 "REACH".

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