

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

Printing date 25.05.2018

Version number 2

Revision: 25.05.2018

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

- **1.1 Product identifier**
- **Trade name:** Bariesun SPF50+ brume sèche
- **Article number / formula:** 43005-1-07
- **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:**  
LABORATOIRES DERMATOLOGIQUES D'URIAGE  
40-52 BOULEVARD DU PARC  
92200 NEUILLY SUR SEINE CEDEX  
Tel : +33 (0)1 40 88 45 45  
Email : luc.lefeuvre@uriage.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 : Call NHS 999 in a medical emergency. If you urgently need medical help or advice but it's not a life-threatening situation, call 111 (24/7). The NHS 111 number is currently only available in certain areas. If you're outside of these areas, you should call NHS Direct on 0845 4647

**SECTION 2: Hazards identification**

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008 :**



GHS02 flame

Aerosol 1      H222-H229      Extremely flammable aerosol. Pressurised container: May burst if heated.

Aquatic Chronic 3 H412      Harmful to aquatic life with long lasting effects.

- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**  
The product is classified and labelled according to the CLP regulation.

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· **Hazard pictograms**



GHS02

· **Signal word** Danger

· **Hazard statements**

H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

H412Harmful to aquatic life with long lasting effects.

· **Precautionary statements**

P102Keep out of reach of children.

P210Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211Do not spray on an open flame or other ignition source.

P251Do not pierce or burn, even after use.

P273Avoid release to the environment.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

P501Dispose of contents/container in accordance with local/regional/national/international regulations.

· **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: 106-97-8 EINECS: 203-448-7 Index number: 601-004-00-0 RTECS: EJ 4200000 Reg.nr.: 01-2119474691-32	butane Flam. Gas 1, H220;  Acute Tox. 3, H331; Press. Gas C, H280	50-100%
CAS: 5466-77-3 EINECS: 226-775-7	2-Ethylhexyl 4-methoxycinnamate Aquatic Chronic 4, H413	<5%

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CAS: 75-28-5 EINECS: 200-857-2 Index number: 601-004-00-0 RTECS: TZ 4300000 Reg.nr.: 01-2119485395-27	isobutane	δ2.5%
	 Flam. Gas 1, H220; Press. Gas C, H280	
CAS: 70356-09-1	Avobenzone	δ2.5%
	 Aquatic Acute 1, H400; Aquatic Chronic 1, H410	
CAS: 118-60-5 EINECS: 204-263-4	2-Ethylhexyl salicylate	δ2.5%
	 Skin Irrit. 2, H315	
CAS: 74-98-6 EINECS: 200-827-9 Index number: 601-003-00-5 RTECS: TX 2275000 Reg.nr.: 01-2119486944-21	propane	δ2.5%
	 Flam. Gas 1, H220; Press. Gas C, H280	

· **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:** Provide fresh air; consult a doctor in case of medical complaints.
- **After skin contact:** The product does not irritate the skin
- **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:

CO2, 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 :** Not required.
- **6.2 Environmental precautions:**  
Do not allow the product to enter sewers/ surface water or ground water.
- **6.3 Methods and material for containment and cleaning up:**  
Absorb liquid components with liquid-binding material.
- **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 :** No special precautions are necessary if used correctly.
- **Information about fire - and explosion protection:**  
Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50 °C, i.e. electric lights. Do not pierce or burn, even after use.  
Do not spray onto a naked flame or any incandescent material.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**  
Observe official regulations on storing packagings with pressurised containers.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **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:**

**CAS: 106-97-8 butane (50-100%)**

WEL (Great Britain)	Short-term value: 1810 mg/m <sup>3</sup> , 750 ppm Long-term value: 1450 mg/m <sup>3</sup> , 600 ppm Carc (if more than 0.1% of buta-1.3-diene)
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MAK (Switzerland)	Short-term value: 7600 mg/m <sup>3</sup> , 3200 ppm Long-term value: 1900 mg/m <sup>3</sup> , 800 ppm
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**CAS: 75-28-5 isobutane (82.5%)**

MAK (Switzerland)	Short-term value: 7600 mg/m <sup>3</sup> , 3200 ppm Long-term value: 1900 mg/m <sup>3</sup> , 800 ppm
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**CAS: 74-98-6 propane (82.5%)**

MAK (Switzerland)	Short-term value: 7200 mg/m <sup>3</sup> , 4000 ppm Long-term value: 1800 mg/m <sup>3</sup> , 1000 ppm
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**CAS: 56-81-5 glycerol (<1%)**

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;

**CAS: 5989-27-5 (R)-p-mentha-1,8-diene (<0.01%)**

MAK (Switzerland)	Short-term value: 80 mg/m <sup>3</sup> , 14 ppm Long-term value: 40 mg/m <sup>3</sup> , 7 ppm S 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:** Wash hands before breaks and at the end of work.

· **Respiratory protection:** Not required.

· **Protection of hands:** Not required.

· **Gloves material :** -

· **Eye protection:** Not required.

**SECTION 9: Physical and chemical properties**

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

· **General Information**

· **Appearance:**

<b>Form:</b>	Emulsion
<b>Colour:</b>	White
<b>Odour:</b>	Characteristic
<b>Odour threshold:</b>	Not determined.

· <b>pH-value:</b>	4.62
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· **Change in condition**

<b>Melting point/freezing point:</b>	Undetermined.
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<b>Initial boiling point and boiling range:</b> -0.5 °C	
· <b>Flash point:</b>	-60 °C
· <b>Flammability (solid, gas):</b>	Not applicable.
· <b>Ignition temperature:</b>	365 °C
· <b>Decomposition temperature:</b>	Not determined.
· <b>Auto-ignition temperature:</b>	Product is not self igniting.
· <b>Explosive properties:</b>	Not determined.
· <b>Explosion limits:</b>	
Lower:	1.5 Vol %
Upper:	8.5 Vol %
· <b>Vapour pressure at 20 °C:</b>	2100 hPa
· <b>Density:</b>	Not determined.
· <b>Relative density :</b>	Not determined.
· <b>Vapour density :</b>	Not determined.
· <b>Evaporation rate :</b>	Not applicable.
· <b>Solubility in / Miscibility with water:</b>	Not miscible or difficult to mix.
· <b>Segregation coefficient (n-octanol/water):</b>	Not determined.
· <b>Viscosity:</b>	
Dynamic:	Not determined.
Kinematic:	Not determined.
· <b>9.2 Other information :</b>	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.

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## 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:

**CAS: 106-97-8 butane**

Inhalative	LC50/4 h	658 mg/l (rat)
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### · Primary irritant effect:

- **On the skin:** Based on available data, the classification criteria are not met.
- **On the eyes:** Based on available data, the classification criteria are not met.
- **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.
- **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.

### · Additional ecological information:

#### · General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

### · 12.5 Results of PBT and vPvB assessment

- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects :** No further relevant information available.

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**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.

**SECTION 14: Transport information**

• **14.1 UN-Number**

• **ADR, IMDG, IATA** UN1950

• **14.2 UN proper shipping name**

• **ADR** UN1950 AEROSOLS  
• **IMDG** AEROSOLS  
• **IATA** AEROSOLS, flammable

• **14.3 Transport hazard class(es)**

• **ADR**



• **Class** 2 5F Gases.  
• **Label** 2.1

• **IMDG, IATA**



• **Class** 2.1  
• **Label** 2.1

• **14.4 Packing group**

• **ADR, IMDG, IATA** Not classified as hazardous for transport

• **14.5 Environmental hazards:** Not applicable.

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<ul style="list-style-type: none"> <li>· <b>14.6 Special precautions for user</b></li> <li>· <b>Danger code (Kemler):</b></li> <li>· <b>EMS Number:</b></li> <li>· <b>Stowage Code</b></li> <li>· <b>Segregation Code</b></li> </ul>	<p>Warning: Gases.</p> <p>-</p> <p>F-D,S-U</p> <p>SW1 Protected from sources of heat.</p> <p>SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.</p> <p>SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.</p>
<ul style="list-style-type: none"> <li>· <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b></li> </ul>	<p>Not applicable.</p>
<ul style="list-style-type: none"> <li>· <b>Transport/Additional information:</b></li> </ul>	
<ul style="list-style-type: none"> <li>· <b>ADR</b></li> <li>· <b>Limited quantities (LQ)</b></li> <li>· <b>Excepted quantities (EQ)</b></li> <li>· <b>Transport category</b></li> <li>· <b>Tunnel restriction code</b></li> </ul>	<p>1L</p> <p>Code: E0</p> <p>Not permitted as Excepted Quantity</p> <p>2</p> <p>D</p>
<ul style="list-style-type: none"> <li>· <b>IMDG</b></li> <li>· <b>Limited quantities (LQ)</b></li> <li>· <b>Excepted quantities (EQ)</b></li> </ul>	<p>1L</p> <p>Code: E0</p> <p>Not permitted as Excepted Quantity</p>
<ul style="list-style-type: none"> <li>· <b>UN "Model Regulation":</b></li> </ul>	<p>UN 1950 AEROSOLS, 2.1</p>

**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** P3a FLAMMABLE AEROSOLS
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 150 t

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- **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**

- H220 Extremely flammable gas.
- H280 Contains gas under pressure; may explode if heated.
- H315 Causes skin irritation.
- H331 Toxic if inhaled.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- H413 May cause long lasting harmful effects to aquatic life.

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

Aerosols	Bridging principles
Hazardous to the aquatic environment - long-term (chronic) aquatic hazard	The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

· **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)
- 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. Gas 1: Flammable gases – Category 1
- Aerosol 1: Aerosols – Category 1
- Press. Gas C: Gases under pressure – Compressed gas
- Acute Tox. 3: Acute toxicity – Category 3
- Skin Irrit. 2: Skin corrosion/irritation – Category 2
- 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 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3
- Aquatic Chronic 4: Hazardous to the aquatic environment - long-term aquatic hazard – Category 4