

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product form : Mixture  
Name : Bicotene®

**1.2. Relevant identified uses of the substance or mixture and uses advised against****1.2.1. Relevant identified uses**

Use of the substance/mixture : Cosmetic ingredient

**1.2.2. Uses advised against**

No additional information available

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

Bicosome S.L.  
Jordi Girona 18 – 26  
08034 Barcelona - Spain  
T +34 934006163 - F +34 932045904  
[info@bicosome.com](mailto:info@bicosome.com)

**1.4. Emergency telephone number**

Emergency number : +34 934006163 (available during office hours)

| Country        | Organisation/Company   | Address                           | Emergency number  | Comment |
|----------------|--|-----------------------------------|---|---------|
| United Kingdom | National Poisons Information Service (Birmingham Centre)<br>City Hospital, Guy's & St Thomas' Hospital Trust | Dudley Road<br>B18 7QH Birmingham | 0844 892 0111 (UK only, Monday to Friday, 08.00 to 18.00 hours) |         |

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Not classified

**Adverse physicochemical, human health and environmental effects**

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

**2.2. Label elements****Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

EUH-statements : EUH210 - Safety data sheet available on request

**2.3. Other hazards**

No additional information available

**SECTION 3: Composition/information on ingredients****3.1. Substance**

Not applicable

**3.2. Mixture**

| Name            | Product identifier   | %       | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|-----------------|--|---------|---|
| 2-phenylethanol | (CAS No) 60-12-8<br>(EC no) 200-456-2                                  | 0,5 - 1 | Acute Tox. 4 (Oral), H302<br>Eye Irrit. 2, H319                 |
| Octane-1,2-diol | (CAS No) 1117-86-8<br>(EC no) 214-254-7<br>(REACH-no) 01-2119966905-22 | 0,3 - 1 | Eye Irrit. 2, H319  |

Full text of H-statements: see section 16

# Bicotene®

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

- First-aid measures after inhalation : Assure fresh air breathing. Allow the victim to rest. If you feel unwell, seek medical advice (show the label where possible).
- First-aid measures after skin contact : Remove/Take off immediately all contaminated clothing. Wash immediately with lots of water (15 minutes)/shower. If skin irritation occurs: Get medical advice/attention.
- First-aid measures after eye contact : Rinse immediately and thoroughly, pulling the eyelids well away from the eye (15 minutes minimum). Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, consult an eye specialist.
- First-aid measures after ingestion : Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell.

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

No additional information available

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

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Carbon dioxide. Dry powder. Foam.

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

Hazardous decomposition products in case of fire : Carbon oxides (CO, CO<sub>2</sub>).

#### 5.3. Advice for firefighters

- Firefighting instructions : Cool down the containers exposed to heat with a water spray. Contain the extinguishing fluids by bunding. Keep upwind. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.
- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

### SECTION 6: Accidental release measures

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

##### 6.1.1. For non-emergency personnel

Emergency procedures : Avoid contact with skin and eyes. In case of important spillage : Only qualified personnel equipped with suitable protective equipment may intervene.

##### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

#### 6.2. Environmental precautions

Contain the spilled material by bunding. Do not discharge into drains or rivers.

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

- For containment : Collect spills and put it into appropriated container.
- Methods for cleaning up : Take up liquid spill into absorbent material. Recover the cleaning water for later disposal.
- Other information : Caution : this product can cause the floor to be slippery.

#### 6.4. Reference to other sections

For further information refer to section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Obtain special instructions before use. Keep out of the reach of children. Ensure good ventilation of the work station. Wear suitable protective clothing and gloves.
- Hygiene measures : Do not drink, eat or smoke in the workplace. Always wash hands after handling the product.

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

- Storage conditions : Store at ambient temperature. Keep in a cool, well-ventilated place. Keep away from food, drink and animal feeding stuffs. Keep the container hermetically sealed. Keep out of the reach of children. Store in a dark area.
- Incompatible materials : Strong oxidizing agents.
- Storage temperature : 5 - 25 °C
- Packaging materials : Original packaging.

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

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

#### 8.2. Exposure controls

|                                  |  |
|----------------------------------|--|
| Appropriate engineering controls | : Ensure good ventilation of the work station.                                       |
| Hand protection                  | : Chemical resistant gloves (according to European standard NF EN 374 or equivalent) |
| Eye protection                   | : Chemical goggles or safety glasses   |
| Skin and body protection         | : Protective clothing  |
| Respiratory protection           | : In case of insufficient ventilation, wear suitable respiratory equipment           |

### SECTION 9: Physical and chemical properties

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

|   |   |
|---|---|
| Physical state                              | : Liquid  |
| Colour                                      | : yellow orange.                                  |
| Odour                                       | : characteristic.                                 |
| Odour threshold                             | : No data available                               |
| pH  | : 4 - 6   |
| Relative evaporation rate (butyl acetate=1) | : No data available                               |
| Melting point                               | : Not applicable                                  |
| Freezing point                              | : No data available                               |
| Boiling point                               | : Not applicable                                  |
| Flash point                                 | : Not applicable                                  |
| Auto-ignition temperature                   | : Not applicable                                  |
| Decomposition temperature                   | : Not determined                                  |
| Flammability (solid, gas)                   | : Not applicable                                  |
| Vapour pressure                             | : Not applicable                                  |
| Relative vapour density at 20 °C            | : Not applicable                                  |
| Relative density                            | : Not determined                                  |
| Solubility                                  | : Dispersible (partial solubilisation) in: Water. |
| Log Pow                                     | : No data available                               |
| Log Kow                                     | : Not determined                                  |
| Viscosity, kinematic                        | : No data available                               |
| Viscosity, dynamic                          | : No data available                               |
| Explosive properties                        | : Not explosive.                                  |
| Oxidising properties                        | : Non oxidizing material according to EC          |
| Explosive limits                            | criteria. : No data available                     |

#### 9.2. Other information

Other properties : Particles size : 200 - 500 nm.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Stable under normal conditions.

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

None to our knowledge.

#### 10.4. Conditions to avoid

Keep away from heat and direct sunlight. Ignition sources.

#### 10.5. Incompatible materials

Strong oxidizing agents.

#### 10.6. Hazardous decomposition products

Thermal decomposition generates : Carbon oxides (CO, CO<sub>2</sub>). Nitrogen oxides.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects**

Acute toxicity : Not classified (Based on available data, the classification criteria are not met)

| <b>2-phenylethanol (60-12-8)</b> |                                |
|----------------------------------|--------------------------------|
| LD50 oral rat                    | 1609,3 mg/kg (OECD 401 method) |
| LD50 dermal rabbit               | 2535 mg/kg (OECD 402 method)   |
| LC50 inhalation rat              | > 500 mg/l                     |

| <b>Octane-1,2-diol (1117-86-8)</b> |                                |
|------------------------------------|--------------------------------|
| LD50 oral rat                      | > 2000 mg/kg (OECD 401 method) |

Skin corrosion/irritation : Not classified (Based on available data, the classification criteria are not met)  
pH: 4 - 6Additional information : Not irritating  
(OECD 439 method)Serious eye damage/irritation : Not classified (Based on available data, the classification criteria are not met)  
pH: 4 - 6

Additional information : May cause slight temporary irritation to ocular mucous membranes (HETCAM)

Respiratory or skin sensitisation : Not classified (Based on available data, the classification criteria are not met)

Additional information : Did not cause sensitisation (In vitro -method 1-P-PR-WI-9006304)

Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met)  
Not mutagenic  
(OECD 471 method)

Carcinogenicity : Not classified (Based on available data, the classification criteria are not met)

Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)

Specific target organ toxicity (single exposure) : Not classified (Based on available data, the classification criteria are not met)

Specific target organ toxicity (repeated exposure) : Not classified (Based on available data, the classification criteria are not met)

Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)

**SECTION 12: Ecological information****12.1. Toxicity**

| <b>2-phenylethanol (60-12-8)</b> |   |
|----------------------------------|---|
| LC50 fish                        | 215 - 464 mg/l/96h (Leuciscus idus)           |
| EC50 Daphnia                     | 287,17 mg/l/48h (Daphnia magna)               |
| ErC50 (algae)                    | 0,49 - 1,3 mg/l/72h (Desmodesmus subspicatus) |

| <b>Octane-1,2-diol (1117-86-8)</b> |                                      |
|------------------------------------|--------------------------------------|
| LC50 fish                          | 2,2 - 22 mg/l/96h (Brachydano rerio) |
| EC50 Daphnia                       | > 200 mg/l/48h (Daphnia magna)       |
| EC50 72h algae (1)                 | 72 mg/l                              |

**12.2. Persistence and degradability**

| <b>Bicotene®</b>              |                |
|-------------------------------|----------------|
| Persistence and degradability | Biodegradable. |

| <b>2-phenylethanol (60-12-8)</b> |                        |
|----------------------------------|------------------------|
| Persistence and degradability    | Readily biodegradable. |

**12.3. Bioaccumulative potential**

| <b>Bicotene®</b>          |                     |
|---------------------------|---------------------|
| Log Kow                   | Not determined      |
| Bioaccumulative potential | Not bioaccumulable. |

**12.4. Mobility in soil**

| <b>2-phenylethanol (60-12-8)</b> |             |
|----------------------------------|-------------|
| Log Koc                          | 1,5 (20 °C) |

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

No additional information available

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### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Dispose of in accordance with relevant local regulations.  
Sewage disposal recommendations : Do not discharge the product into the environment.

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

| ADR                                     | IMDG           | IATA           |
|---|----------------|----------------|
| <b>14.1. UN number</b>                  |                |                |
| Not applicable                          | Not applicable | Not applicable |
| <b>14.2. UN proper shipping name</b>    |                |                |
| Not applicable                          | Not applicable | Not applicable |
| Not applicable                          | Not applicable | Not applicable |
| <b>14.3. Transport hazard class(es)</b> |                |                |
| Not applicable                          | Not applicable | Not applicable |
| Not applicable                          | Not applicable | Not applicable |
| <b>14.4. Packing group</b>              |                |                |
| Not applicable                          | Not applicable | Not applicable |
| <b>14.5. Environmental hazards</b>      |                |                |
| Not applicable                          | Not applicable | Not applicable |
| No supplementary information available  |                |                |

### 14.6. Special precautions for user

Special transport precautions : No additional information available

#### - Overland transport

Not applicable

#### - Transport by sea

Not applicable

#### - Air transport

Not applicable

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

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

Full text of H- and EUH-statements:

|                     |   |
|---------------------|---|
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4             |
| Eye Irrit. 2        | Serious eye damage/eye irritation, Category 2 |
| H302                | Harmful if swallowed                          |
| H319                | Causes serious eye irritation                 |
| EUH210              | Safety data sheet available on request        |

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SDS EU (REACH Annex II)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*