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Issue no: 01

## **Section 1. Identification of the Substance/Mixture and of the Company**

### **1.1 Product identifier**

**1.1.1 Product number:** 234308

**1.1.2 Commercial name:** Dr. Babor Neuro Sensitive Ampulle

**1.2 Relevant identified uses of the substance or mixture and uses advised against:**  
Cosmetic product  
For external application only

**1.2.1 Application:** Face-Cosmetics

**1.2.2 Chemical Characterisation:** Watery-solution

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

**1.3.1 Producer:** Dr. Babor GmbH & Co. KG  
Neuenhofstraße 180  
D – 52078 Aachen  
Germany

### **1.4 Emergency telephone number**

**1.4.1 Information Office:** +49 241 5296-0 scientific department  
Mo.-Th. 9:00-16:00, Fr. 9:00-14:00  
Sicherheitsdatenblatt@babor.de

**1.4.2 Emergency call:** Informationszentrale gegen Vergiftungen  
Zentrum für Kinderheilkunde der Rheinischen  
Friedrich-Wilhelms-Univ. Bonn  
Tel.: +49 228/19240; Fax: +49 228/287 3314

## **Section 2. Hazard Identification**

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

#### **2.1.1 Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Hazard class and category and indication of danger	SCL and/or M-factor	Method of classification
Eye dam. 1 H318		Calculation

#### **2.1.2 Additional information**


The text of the mentioned H- and EUH-sentences is written in point 16

### **2.2 Label elements**

#### **2.2.1 Labeling according to Regulation (EC) No. 1272/2008 [CLP]**

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#### Product identifier

Substance/mixture	234308 Dr. Babor Neuro Sensitive Ampulle
Hazard(ous) component(s) for labeling	Pentylene Glykol
Registration number	
Hazard pictogram(s)	
Signal word	Danger
Hazard statement(s)	H318 Causes serious eye damage
Precautionary statement(s).	P280 Wear protective gloves/protective clothing/eye protection/face protection. P310 Immediately call a POISON CENTER or doctor/physician. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

### 2.3 Other hazards

Information about the criteria for PBT or vPvB in accordance with Regulation (EC) No. 1272/2008 Annex XIII see chapter 12.5

## **Section 3. Composition/Information on Ingredients**

### 3.1 Mixture

#### 3.1.1 Description of the Preparation:

Mixture from natural and synthetic cosmetic ingredients

#### 3.1.2 Dangerous ingredients:

Product identifier CAS/EG	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Pentylene Glykol 5343-92-0/226-285-3	1-5	Eye dam. 1 H318

#### 3.1.3 Additional Information

The text of the mentioned, H- and EUH-sentences is written in point 16

## **Section 4. First-Aid-Measures**

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

- 4.1.1 Skin:** in general no irritation when used as prescribed. In case of a capital contamination, remove the clothes and wash affected skin with plenty of soap and water
- 4.1.2 Eyes:** rinse open eye under running water for several minutes; if symptoms persist consult a doctor
- 4.1.3 Inhalation:** go out into fresh air; if symptoms persist consult a doctor
- 4.1.4 If swallowed:** consult a doctor and show this data sheet
- 4.1.5 Additional hints:** if symptoms persist consult a doctor

#### **4.2 Important acute or delayed occurent symptom or effect**

No additional symptoms or effects known as described in section 2

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

No further relevant information available.

### **Section 5. Fire-Fighting Measures**

#### **5.1 Extinguishing media**

- 5.1.1 Suitable extinguishing media:** dry extinguishing media, foam, CO<sub>2</sub>, water
- 5.1.2 Unsuitable extinguishing media:** ---

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

- 5.3 Hazardous combustion products:** Do not inhale explosion fumes.  
Occurring of CO<sub>x</sub> and NO<sub>x</sub> possible

#### **Hints for fire fighting**

- 5.3.1 Expected protective equipment:** Circulating air independent respiratory protection
- 5.4 Additional hints:** Fumes of organic materials are strictly categorised as respiratory toxin.  
Collect contaminated fire extinguishing water separately. Do not discharge into sewage system

### **Section 6. Accidental Release Measures**

- 6.1 Personal precautions, protective equipment and emergency methods** Standard equipment, see point 8, at least eye glasses with side protection and protecting gloves, remove source if ignition, make sure there is sufficient ventilation
- 6.1.1 Advice for non-emergency personnel** Standard equipment, see point 8, get persons out of the danger zone
- 6.1.2 Emergency forces** Standard equipment, see point 8
- 6.2 Environmental protective measures:** Prevent product from getting into sewage system
- 6.3 Methods and material for collecting and cleaning up:**

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- 6.3.1 For collecting:** Prevent product from getting into sewage system with barrages
- 6.3.2 For cleaning up:** Pick up or absorb product and lead it towards waste management according to official regulations, cleaning up according to standard methods
- 6.4 Reference sections** See section 8 and 13
- 6.5 Additional hints:** While exposed to chemicals take follow routine precautions

## **Section 7. Handling and Storage**

- 7.1 Precautions for safe handling:**
- 7.1.1 Precautions:** Take care of sufficient fresh air  
Dust, vapours and aerosols should be exhausted directly at the point of occurrence. After use, wash hands with plenty of water
- 7.1.2 General information on hygiene** Applicable are the guidelines for GMP
- 7.2 Conditions for safe storage attending the incompatibility:** Store in closed containers under cool, dry warehouse conditions. Shelf life: 31 months, when stored in original containers at conditions mentioned above.
- 7.3 Specific end use(s):** See section 1.3; cosmetic product for cleaning, care and/or making-up of skin

## **Section 8. Exposure Control and Personal Protection**

- 8.1 Components with limit values related to workstations:** Not applicable  
See local guidelines for substance of point 3
- 8.2 Exposure control**
- 8.2.1 Appropriate engineering controls** See section 7
- 8.2.2 Personal Protection**
- Respiratory protection:** not necessary if used as intended
- Hand protection:** Protecting gloves (barriere size 0,34mm)  
The choice of adequate gloves depends on various quality features, which are different from manufacturer to manufacturer.
- Eye protection:** Eye glasses with side protection
- Body protection:** lab coat
- Additional protective measures** General hygienic instructions, GMP
- 8.4 Exposure control of environment measure:** See point 6 and 7. No additional measures necessary

## **Section 9. Physical and chemical properties**

- 9.1 Physical properties**
- 9.1.1 Appearance**
- Physical form:** Liquid
- Colour:** Grey

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<b>Odour:</b>	Neutral
<b>9.1.2 Security relevant data</b>	
<b>Density at 20°C:</b>	g/cm <sup>3</sup> [DGF C-IV 2d (02)]
<b>pH-value:</b>	7.3 [DGF H-III 1 (92)]
<b>Melting Point:</b>	°C
<b>Boiling Point:</b>	°C
<b>Flash Point:</b>	>60 °C [DIN 51755]
<b>Viscosity:</b>	1400 mPas [Brookfield]
<b>Flow time cup Ø6mm</b>	s [DIN EN ISO 2431]
<b>Evaporation rate:</b>	Inapplicable
<b>Flammability:</b>	Inapplicable
<b>Explosive limits of flammability:</b>	Inapplicable
<b>Vapour pressure:</b>	Not specified
<b>Vapour density:</b>	Inapplicable
<b>Partition coefficient n-octanol/water:</b>	Inapplicable
<b>Auto-ignition temperature:</b>	Inapplicable
<b>Decomposition temperature:</b>	Inapplicable
<b>Explosive properties:</b>	Inapplicable
<b>Oxidising properties:</b>	Inapplicable
<b>9.3 Further data</b>	
<b>Water solubility:</b>	soluble

## **Section 10. Stability and Reactivity**

<b>10.1 Reactivity</b>	
<b>Conditions to be avoided:</b>	None when used as intended
<b>Substances to be avoided:</b>	None when used as intended
<b>Hazardous decomposition products:</b>	No decomposition as used as intended
<b>10.2 Stability:</b>	stable for at least 30 month under normal conditions of use
<b>10.3 Possible hazardous reactions:</b>	None when used as intended
<b>10.4 Conditions to be avoided:</b>	Do not store above 30°C and avoid direct sunlight, these conditions reduce the stability
<b>10.5 Incompatible materials:</b>	Store only in original containers
<b>10.6 Hazardous decomposition products</b>	No dangerous decomposition products during appropriate storage and handling

## **Section 11. Information on toxicological aspects**

<b>11.1 Irritation of Skin:</b>	If not reported to the contrary, not irritant. Irritation of sensitive skin possible, however no data available
<b>11.2 Irritation of Eyes:</b>	Irritation of eyes possible Irritation of sensitive persons possible, however no data available
<b>11.3 Sensitization:</b>	If not reported to the contrary, not sensitizing Sensitization of sensitive skin possible with sensitive people, however no data available

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- 11.4 Toxicity tests:** A survey according to EU 1223/2009 article 10 submitted no toxicological danger.
- 11.5 Practical experiences:** Not defined

Toxicological CMR and ecotoxicological data are not available, because the mixture was classified on basis of the calculation procedure of the REACH-regulation (EG) Nr. 1907/2006. The toxicological statements derive from separate components, however data gaps may occur. This product is safe under normal conditions.

## **Section 12. Disclosure of environmental data**

- 12.1 Toxicity:** Not defined
- 12.2 Persistence and degradation:** Not defined
- 12.3 Bioaccumulation potential:** Not defined
- 12.4 Mobility:** Not defined
- 12.5 Depending on the result of PBT- and vPvB-properties:** Not defined
- 12.6 Other harmful effects:** Not defined

## **Section 13. Disposal Conditions**

- 13.1 Product:** Dispose product according to local, official regulations. Do not discharge product into sewage systems nor store in environment.
- 13.2 Recommendations:** The terms of the correct disposal of waste should be arranged with the waste management company
- 13.3 Packaging:** Handle contaminated packaging in the same way as the substance itself.  
Non-contaminated packages may be recycled.

## **Section 14. Transport Information**

- 14.1 Road transport ADR/RID:** No dangerous good according to transport legislation
- 14.2 Sea shipment IMDG GGVSee:** No dangerous good according to transport legislation
- 14.3 Air transport ICAO-TI and IATA-DGR:** No dangerous good according to transport legislation

## **Section 15. Regulatory Information**

- 15.1 EC-regulations:**
- 15.2 Safety evaluation:** Safety evaluation according to EU1223/2009 article 10 executed
- 15.3 National regulations:** Water hazard class: WGK 1  
Compound-WGK according to VwVwS of 1999 (Annex 4)

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Material safety data sheet available on request only for professional user

## **Section 16. Other Information**

This information is based on today's knowledge and of experimental data submitted by the manufacturers of the raw materials used. No warrant is given regarding the correctness of this information neither for the purchaser's intended use nor for the consequences of its use  
Use these materials only as directed.

**16.1 Changes compared with the previous version:**

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**16.2 Data sources:**

REACH-regulation (EG) No. 1907/2006  
Method of classification see section 2.1.1

### **16.3 List of all relevant H- and EUHsentences**

H318 Causes serious eye damage