

## **TECHNICAL DATA SHEET**

# **- CYTOBIOL LUMIN-EYE -**

### **DEFINITION**

Hydroglycolic (Butylene glycol/Water) extract of Ash Tree bark, supplemented in Vitamin B3 and Organic Silicon and with a guaranteed content in esculine and fraxine.

### **ORIGIN OF THE RAW MATERIALS**

The product is manufactured from raw materials of vegetable and synthetic origins.

### **DESCRIPTION**

- INCI (PCPC) : Butylene Glycol (and) Water (and) Niacinamide (and) Fraxinus Excelsior Bark Extract (and) Silanetriol
- CAS : 107-88-0 / 7732-18-5 / 98-92-0 / 84625-28-5 / 2445-53-6 (or 31795-24-1)
- EINECS : 203-529-7 / 231-791-2 / 202-713-4 / 283-402-0 / 219-489-9 (or 250-807-9)

### **REGULATORY INFORMATION**

For information on the regulatory status of this product, please consult the regulatory data sheet (RDS).

### **FIELD OF USE**

This product is a cosmetic ingredient. It is recommended for use in cosmetic formulations (excluding oral hygiene products).

This ingredient must be used according to appropriate regulations. Gattefossé accepts no responsibility for the use of this product in applications other than those recommended.

### **USES**

Active ingredient for under-eye bags and dark circle reduction.

CYTOBIOL LUMIN-EYE is an active with strong vasculo-protective properties improving cutaneous microcirculation.

Its efficacy has been demonstrated in vivo by its action on bags and dark circle reduction.

CYTOBIOL LUMIN-EYE can be recommended for both men & women skin care treatment. As its action is not age related, it can be used for all age skin care line.

The recommended use level is 5 %.

### **STORAGE RECOMMENDATIONS**

Store the product in its original packaging sealed tightly, protected from light and moisture.

Special temperature storage conditions are not required.

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#### **STORAGE RECOMMENDATIONS**

Product should be re-analyzed after a 1-year storage period under recommended storage conditions.

#### **HANDLING ADVICE**

Presentation: liquid.

Stir well to ensure homogeneity before use.

#### **PACKAGING**

Plastic can 5 kg (BPE).

Sample available upon request.

#### **INFO ON THE COMPOSITION**

- Vitamin B3 content: 18-22 %
- Silicium content: 0.01 to 0.03 %
- Antioxidant: Glycolic acid < 1.5 %.

#### **SAFETY OF USE**

For information on the toxicology and safety of this product, please consult the product toxicological file and material safety data sheet (MSDS).

#### **SOLUBILITIES AT 20°C(Eur. Ph.)**

- Water: Easily soluble
- Vegetable oils: Practically insoluble
- Alcohol: Slightly soluble

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<b>Test</b>	<b>Specification</b>
<b>APPEARANCE</b>	Limpid liquid
<b>COLOUR</b>	Yellow to dark amber
<b>ODOUR</b>	Medium
<b>REFRACTIVE INDEX AT 20°C</b>	1.419 to 1.449
<b>SPECIFIC GRAVITY AT 20°C (D20/4)</b>	1.054 to 1.084
<b>pH (Pure product)</b>	3.5 to 6.0
<b>DRY EXTRACT</b>	19.0 to 25.0 g/100g
<b>TOTAL AEROBIC GERMS</b>	< 100/g
<b>PATHOGENIC GERMS</b>	Absence
<b>ESCULIN AND FRAXIN CONTENT</b>	0.2 to 1.2 %

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