

## **TECHNICAL DATA SHEET**

### **- CYTOBIOL IRIS A 2 -**

#### **DEFINITION**

Hydroglycoethanolic (Propanediol/Water/Ethanol) extract of Iris root, supplemented with Zinc and Vitamin A.

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

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

#### **DESCRIPTION**

- INCI (PCPC): Propanediol (and) Water (and) Alcohol (and) Iris Florentina Root Extract (and) Zinc Sulfate (and) Retinyl Palmitate
- CAS: 504-63-2 (or 26264-14-2) / 7732-18-5 / 64-17-5 / 90045-89-9 / 7446-19-7 (or 7733-02-0) / 79-81-2
- EINECS: 207-997-3 (or none) / 231-791-2 / 200-578-6 / 289-954-9 / None (or 231-793-3) / 201-228-5

#### **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**

Thanks to the bacteriostatic and astringent activities of the iris extract and of the vitamin A, as well as the sebo-regulating action of zinc, Cytobiol Iris A2 helps stop the development of acneic symptoms. The regenerating action of the mixture, by accelerating tissue repair, helps the epidermis to preserve its integrity.

Moreover, Cytobiol Iris A2 allows tightening pores and reduces the shiny aspect of the skin. The skin is refined with a pore less look. Blemishes are reduced for a clearer and fresher complexion. The recommended use level is 3 to 5 %.

#### **STORAGE RECOMMENDATIONS**

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

Special temperature storage conditions are not required.

An opalescence/cloudy aspect/precipitate may occur during storage with no effect on the properties of

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the product.

Product should be re-analyzed after a 2-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**

Alcohol content : 20%

#### **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: Soluble
- Mineral oils: Insoluble
- Vegetable oils: Insoluble

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<b>Test</b>	<b>Specification</b>
<b>APPEARANCE</b>	Slightly opalescent yellow, light brown liquid
<b>ODOUR</b>	Specific (Iris)
<b>pH (Pure product)</b>	4.0 to 6.5
<b>DRY EXTRACT</b>	1.5 to 3.0 %
<b>TOTAL POLYPHENOLS (ID. BY SPECTRO)</b>	Presence
<b>TOTAL AEROBIC GERMS</b>	< 100/g
<b>VITAMIN A (QUALITATIVE TEST)</b>	Positive test
<b>ZINC CONTENT</b>	0.2 to 0.4 %

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