

## **TECHNICAL DATA SHEET**

### **- MALA'KITE -**

#### **DEFINITION**

Aqueous extract of the stone Malachite, rich in Copper.

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

The product is manufactured from raw materials of strictly mineral origin.

#### **DESCRIPTION**

- INCI (PCPC): Water (and) Malachite Extract
- CAS: 7732-18-5 / 12069-69-1
- EINECS: 231-791-2 / 235-113-6

#### **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.

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**

Mala'Kite is a stone extract with a strong anti-oxidant activity and a detoxifying activity.

Mala'Kite is a general skin protector and can be used in all cosmetic treatments. Stable extract, Mala'Kite gives a nice blue color to the finished formulation.

The suggested use level of Mala'Kite is 1 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.

Product sensitive to microbial contamination. Product pack for single use only. Use entire contents of the pack immediately after opening.

Product should be re-analyzed after a 3-year storage period under recommended storage conditions.

#### **HANDLING ADVICE**

Presentation: liquid.

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#### **PACKAGING**

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Plastic can 5 kg (BPE).

Plastic can 1 kg (BPD).

Sample available upon request.

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

- This product does not contain preservative.

#### **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: Very soluble
- Vegetable oils: Insoluble
- Mineral oils: Insoluble
- Alcohol: Very slightly soluble (according to the protocol of current European Pharm. (General chapter 1.3).

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<b>Test</b>	<b>Specification</b>
<b>APPEARANCE</b>	Blue liquid
<b>ODOUR</b>	Faint
<b>OPTICAL DENSITY (738nm, 10% v/v in water)</b>	0.45 to 0.65
<b>pH (Pure product)</b>	4.5 to 6.0
<b>TOTAL ASHES CONTENT</b>	2.00 to 5.00 %
<b>DRY EXTRACT</b>	5.0 to 7.0 %
<b>PATHOGENIC GERMS</b>	Absence
<b>TOTAL AEROBIC GERMS</b>	< 100/g
<b>COPPER CONTENT</b>	>= 5.00 g/l

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