

TECHNICAL DATA SHEET

- HEMA'TITE -

DEFINITION

Aqueous extract of the stone Hematite, rich in iron.

ORIGIN OF THE RAW MATERIALS

The product is manufactured from raw materials of strictly mineral origin (except incidental ingredients).

DESCRIPTION

- INCI (PCPC): Hematite Extract
- Alternative INCI name: Iron oxides
- CAS: 1317-60-8 (or 1309-37-1)
- EINECS: 215-275-4 (or none)

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

Stone extract, rich in iron.

Powerful active for collagen synthesis stimulation: Hema'tite can be used for anti-aging skin care.

The suggested level of use of Hema'tite is 0.5 to 2 %.

STORAGE RECOMMENDATIONS

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

Special temperature storage conditions are not required.

During storage, an opalescence progressively appears. This evolution of the appearance is a characteristic of the product with no effect on its properties.

Product should be re-analyzed after a 2-year storage period under recommended storage conditions.

HANDLING ADVICE

Presentation: liquid.

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HANDLING ADVICE

PACKAGING

Plastic can 5 kg (BPE).

Plastic can 1 kg (BPD).

Sample available upon request.

INFO ON THE COMPOSITION

- Preservative: Phenoxyethanol 0.4 %.

- Preservative: Sorbic acid 0.1 %.

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

- Mineral oils: Insoluble

- Vegetable oils: Insoluble

- Alcohol: Very slightly soluble (according to the protocol of current European Pharm. (General chapter 1.3).

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Test	Specification
APPEARANCE	Brown black liquid
ODEUR	Metallic
pH (Pure product)	3.5 to 6.5
MINERAL MATTER	1.50 to 4.00 %
DRY EXTRACT	5.50 to 7.50 %
PATHOGENIC GERMS	Absence
TOTAL AEROBIC GERMS	< 100/g
IRON CONTENT	0.2 to 1.2 g/100g

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