

## TECHNICAL DATA SHEET

## PRODUCT TRADE NAME

NATURAL RED IRON OXIDE SUPERFINE

## CHEMICAL CLASSIFICATION

**SUBSTANCE NAME:** Di-iron trioxide, or hematite.**MOLECULAR FORMULA:** Fe<sub>2</sub>O<sub>3</sub>**CAS Nº:** 1309-37-1**HS CODE Nº:** 2821.10**EINEC Nº:** 215-168-2

## PHYSICAL DESCRIPTION

- 100% natural iron oxide -Spanish origin-, no additives.
- Powder shape. Natural earth red colour.
- Non flammable, non toxic.
- Packed in 25 Kg paper bags or big bags of 500, 1.000 and 1.100 Kg, on H.T. pallets.

## GRANULOMETRIC DATA

**Average particle size d50:** 8,5 µm**Particle size d98:** 47 µm

<30 µm	<20 µm	<15 µm	<10 µm	<5 µm	<1 µm
88.9%	74.9%	64.8%	53.5%	42.1%	14.8%

## TECHNICAL DATA

**OIL ABSORPTION:** 10.2**SPECIFIC GRAVITY:** 1.2 gr/cm<sup>3</sup> (+/- 5%).**TYPICAL ANALYSIS (Generic Data)**

Ferric Oxide (Fe <sub>2</sub> O <sub>3</sub> )	80/82%
Silica (SiO <sub>2</sub> )	11.00% (+/- 5%)
Calcium Oxide (CaO)	1.40% (+/- 5%)
Aluminium Oxide (Al <sub>2</sub> O <sub>3</sub> )	2.82% (+/- 5%)
Magnesium Oxide (MgO)	1.49% (+/- 5%)
Potassium Oxide (K <sub>2</sub> O)	0.86% (+/- 5%)

## HAZAROUS AND DANGEROUS SUBSTANCES INFORMATION

- This substance is not classified in the Annex I of Directive 67/548/EEC.
- This substance is not listed in the Annex I of Regulation (EC) nº 689/2008 for import and export of dangerous chemicals.
- This substance is not listed in a priority list, as foreseen under Council Regulation (EEC) nº 793/93 on the evaluation and control of the risks of existing substances.
- **R.E.A.CH.:** This is a not hazardous substance which occurs in Nature and it is not chemically modified; therefore it is not subject to register, evaluation or authorisation by the European Agency.

## RECOMMENDED USES

Our iron oxides can be mainly used in the manufacture of construction industry products such as protective paints, anti-corrosive coatings, anti-fouling, cement, concrete products, roofing tiles, bricks, ceramics, glass, etc.; but also for fertilisers, cattle and poultry feed, etc.

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TOP QUALITY 100% NATURAL RED IRON OXIDE | ÓXIDO DE HIERRO ROJO 100% NATURAL DE CALIDAD SUPERIOR

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