

TECHNICAL DATA SHEET

PRODUCT TRADE NAME

NATURAL RED IRON OXIDE MICRONIZED "MR-11"

CHEMICAL CLASSIFICATION

SUBSTANCE NAME: Di-iron trioxide, or hematite.**MOLECULAR FORMULA:** Fe₂O₃**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: 0,9 µm**Particle size d98:** 17,6 µm

<30 µm	<20 µm	<15 µm	<10 µm	<5 µm	<1 µm
99.8%	98.7%	96.9%	92.4%	81.2%	52.0%

TECHNICAL DATA

OIL ABSORPTION: 10.2**SPECIFIC GRAVITY:** 0.8 gr/cm³ (+/- 5%).**TYPICAL ANALYSIS (Generic Data)**

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

NB: Oil Absorption and Specific Gravity are only estimated values, to be settled.

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.

DATE OF REVISION: MARCH 02ND 2011

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

Tel: (34) 952 310 844
 Fax: (34) 952 310 845
 E-mail: oxidos@oxidos.com
 Web: www.oxidos.com

Offices | Oficinas:
 Pol. Ind. Guadalhorche
 Ctra. Azucarera-Intelhorche nº 15
 29004 Malaga, Spain

Postal Address | Dirección Postal:
 Oxidos Rojos de Malaga
 Apartado 197,
 29080 Málaga, España

