DATA SHEET
OXI BRICKS

IRON OXIDE and CARBON MONOXIDE for the PRODUCTION OF BRICKS or CLINKER PRODUCTION OF PORTLAND CONCRETE

Product characteristics: *OXI BRICKS* is a substance composed mainly by Iron Oxide, Carbon and other inorganic oxides

Reference media composition:

Components	Unit of measure	Values
SIO_2	% weight on dry	> 1%
Fe2O3	**% weight on dry**	**> 30%**
Al_2O_3	% weight on dry	< 10%
CaO	% weight on dry	< 10%
TC	**% weight on dry**	**> 20%**
Granulometry	0 -10 mm	100%

The composition of the product may vary according to the values required by the final destination plant, according to flows and agreements settled. We, therefore, reserve the right, where possible, to correct the composition of the product on the basis of the values indicated by the end user.

Use:

The product is used in the production of bricks, as additive used in the furnace, with the function of flux. It substantially contributes to the firing process with energy costs savings.

The product is used in the clinker production of Portland concrete, as additive in the blend of natural raw materials, to adjust the content of Iron Oxide (Fe_2O_3). The material can be used for a partial or total substitution of the raw material such as iron ore, with full respect and balance of the European normative principles.

Properties:	Aspect and Colour	Solid, Dark Grey
	Average apparent specific weight:	2,0 Ton/m^3

Storage: The product is stored like other ceramic raw materials.

Management and Transport: OXI BRICKS is not considered dangerous in accordance with the EC Regulation 1272/2008 (CLP). It does not contain vPvB and PBT substances. There are no special disposition regarding the provisions of the Annex XVII of REACH Regulation and subsequent modifications and supplements
SDS available upon request.
Manage the product according normal working and safety procedures, avoiding dispersion into the environment.