



MAGFERT 65%

Technical Data Sheet N° : FT5542 en
Indice 2 - 23/08/2022

CAS N°
1309-48-4

EINECS N°
215-171-9

CHEMICAL FORMULA
MgO

(UE) 2019 / 1009 CLASSIFICATION
CMC 1 PFC 1. C.I . a . i

MANUFACTURING PROCESS

Granulation of Magnesium Oxide (MgO)

CHEMICAL SPECIFICATIONS*

PARAMETERS	TYPICAL VALUES (%)	MINIMUM (%)	MAXIMUM (%)	ANALYTICAL METHOD
Magnesium Oxide – MgO As Is	65.63	65.00	-	EDTA complexometry / calculation
Magnesium – Mg As Is	39.58	39.20	-	EDTA complexometry / calculation
Calcium Oxide - CaO	1.67	-	3.50	EDTA complexometry / calculation
Iron Oxide - Fe ₂ O ₃	0.78	-	5.00	ICP Atomic Absorption
Aluminium Oxide - Al ₂ O ₃	0.63	-	1.50	ICP Atomic Absorption
Silicium Oxide - SiO ₂	6.14	-	8.00	Gravimetry in HCl

PHYSICAL SPECIFICATIONS*

APPEARANCE

Off white granulars



DENSITY TAPPED / UNTAPPED (g/cm³)
PARTICULE SIZE (guaranteed at factory exit)

1.000
2 - 5 mm
2 mm < 90 % < 5 mm

PACKAGING

Bulk, Big Bags 1T

RECOMMENDATIONS

The product can be stored 12 months, from the manufacturing date, in the case of a storage sheltered from moisture and light

INTENDED USES

Component material :

- controls made in accordance with the decree of September 5, 2003 regarding the fertilizer market
- marketed in accordance with european regulation (EU) No 2019 / 1009

*Data provided as an indication due to the mineral origin of the product.

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