



Technical Information

01.01.2023

Magnesium Chloride Flakes 47% Technical Grade

Chemical formula:	Magnesium chloride hexahydrate ($\text{MgCl}_2 \cdot 6 \text{H}_2\text{O}$)
CAS-No.:	7791-18-6
EC-No.:	232-094-6
HS Code:	28273100
Appearance:	White or light grey flakes, very hygroscopic.

Major Constituents:

Characteristic	Unit	Specification
MgCl ₂	%	min. 46.5
CaCl ₂	%	max. 2.2
NaCl	%	max. 0.9
KCl	%	max. 0.6

Minor Constituents:

Characteristic	Unit	Typical Value
SO ₄	%	max. 0.025
Fe	ppm	max. 5
Hg	ppm	max. 0.2
Pb	ppm	max. 0.1
As	ppm	max. 0.1
Cd	ppm	max. 0.1



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Packaging:	25 kg PE-bags, each 1000 kg on pallet; 1000 kg big bags on pallet.
Storage conditions:	Very hygroscopic product. Storage in dry and cool place to avoid uptake of moisture. Quickly reseal open bags.
Uses:	Raw material for chemistry; Materials industry; Metallurgy; Ice and dust control; Abrasive industry.
Others:	This Magnesium Chloride is a Dead Sea salt.

This Magnesium Chloride is not certified for medical uses, cosmetical uses and uses in food or feed sector!

Typical values represent non-binding information. They are not specification values and cannot be guaranteed.

This document has been created only for informational purposes to the best knowledge of CHEMISCHE FABRIK KALK GMBH and within the framework of the quality management. All previous versions shall be superseded by the current version. The information given above does not constitute a legally binding assurance of certain characteristics of the product or certain properties for a specific use. It does not exempt the client from the obligation of carrying out an incoming goods inspection and does not justify any third party claims. The Material Safety Data Sheet is to be observed.

Reference: February 2017 | 69.01.01-SP, Ed. 4/1

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Registergericht: Köln (HRB 650)