

OMGD, s. r. o.
Provozovna Kaznejov
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331 51 KAZNEJOV
CZECH REPUBLIC

FERROUS SULPHATE HEPTAHYDRATE

Chemical formula	rel. mol. weight	CAS Nr. :	7782-63-0
FeSO₄ . 7H₂O	278,01	EINECS Nr.:	231-753-5

Quality standards : technical , purified

Below mentioned quality parameters comply with the latest editions of the local manufacturing standards .

Applications : industrial water treatment, animal feed, fertilizers, pesticides, mordant, iron pigment industry etc.

Chemical and physical requirements

Quality parameter	Unit		Guaranteed value Technical grade	Guaranteed value Purified grade
Content of FeSO ₄ .7H ₂ O	%	min.	91,0	97,0
Water-insoluble substances	%	max.	0,1	0,05
pH of 1% solution			3,0 – 4,0	min. 4,0

Characteristics : light blue-green crystals, odourless, of acidic to sour taste. Readily soluble in water, almost insoluble in alcohol. Melting point 64 ° C.

Packaging :

Technical grade : polypropylene big bags with open inlet, per 1 MT approx., on one way pallets.

Purified grade : 25 kg multiply paper bags with plastic inlay, on one way pallets, shrinkwrapped.

Storage terms : Store in cool , dry and ventilated warehouses free of chemical exhalations, avoid efflorescence and moisture absorption. Recommended storage temperature + 5°C through + 30°C, recommended relative air humidity max. 75 %. Protect from rain and solarization during transport, manipulation and storage.

Safety instructions :

Symbol : X_n ... Harmful .

R / S phrases : R 22, R 36/37/38

S 26, S 36

Transport regulations : not classified as dangerous substance according to ADR/RID/GGVS/GGVE/IMDG/IATA/ICAO.