



**PRODUCT INFO
& DATASHEET**

SICOFER – 20

*Ferrous Sulphate Heptahydrate min. 19.7% Fe with anti-caking,
free flowing crystals or granules.*

- Made in China -

Product Name:	SICOFER-20 Ferrous Sulphate Heptahydrate	
Synonyms:	Sulfuric Acid, Iron (2+) Salt (1:1), Heptahydrate: Iron Vitriol, Green Vitriol, Copperas	
Formula:	FeSO ₄ - 7H ₂ O	
Molecular Weight:	278.01	
Properties:	Fine free flowing light green or glaucous crystals or granules, odourless, readily soluble in water, slightly soluble in alcohol. It begins to lose 6 crystalline water at at 64-90 dgr. C. and becomes anhydrous ferrous sulphate when being heated to 300dgr. C.	
Melting point:	64 dgr. C.	
CAS number:	7782-63-0 (heptahydrate)	7720-78-7 (anhydrous)
EINECS number:	321-753-5	
HS Code:	2833 29 (10)	

	GUARANTEED SALES SPECIFICATIONS		
	Components	Guaranteed Analysis	Typical Values
Product Quality Specifications	Purity: As iron (Fe)	19.7 % min.	19.8 %
	As FeS ₄ - 7H ₂ O	98 % min.	100 %
	Lead (Pb)	20 ppm max.	≤ 5 ppm
	Arsenic (As)	5 ppm max.	≤ 1 ppm
	Cadmium (Cd)	10 ppm max.	≤ 5 ppm
	Mercury (Hg)	1 ppm max.	< 1 ppm
	OTHER COMPONENTS AND PROPERTIES		
	Appearance	Free flowing light green or glaucous crystals or granules	

Packaging: in 25 kg net wpp+pe SICO bags (27 MT/20ft container, if loose bags without pallets) or as requested

Uses & Applications: It is mainly used as trace elements in feed industry, as fertiliser or pesticide in agriculture industry, as raw material in iron pigment industry etc.

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